

CONDITION OF CERTIFICATION BIO-2
SUMMARY OF BIOLOGICAL MONITORING

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

Biological Resources
Mitigation Monitoring for the
Metcalf Energy Center

MONTHLY COMPLIANCE REPORT #35

August 2004

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METCALF ENERGY CENTER

MONTHLY COMPLIANCE REPORT

August 2004

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INTRODUCTION

The Metcalf Energy Center (MEC) site is located in the Santa Clara Valley within the Urban Service Area of south San Jose. The MEC will be a 600-megawatt natural-gas-fired combined cycle power plant with the following features:

- A 230-kilovolt (kV) switchyard and approximately 240 feet of new 230-kV transmission line that will loop into the existing Pacific Gas and Electric (PG&E) 230-kV Metcalf-Monta Vista No. 4 transmission on Tulare Hill.
- An approximately 1 mile, 16-inch natural gas pipeline that will connect to an existing PG&E transmission backbone pipeline that runs along the eastern side of U.S. 101.
- An approximately 1000-foot recycled water pipeline from a tap into a new South Bay Water Recycling Program's (SBWR) pipeline for cooling water.
- An approximately 1.2-mile potable water pipeline will supply domestic and backup water supplies.
- A stormwater detention basin and discharge outfall structure to Fisher Creek.
- A new access road from Monterey Road at the Blanchard Road junction and visual screening and landscape corridor along the new access road that will require 6 acres of agricultural land south of the MEC site.
- A second access road (west access road) May extend from Santa Teresa Boulevard to the MEC site that will require 2.0 acres of agricultural land.
- Two temporary construction laydown yards totaling 24.8 acres are located in agricultural land south of the MEC site.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Mitigation measures were developed through consultation with the U. S. Fish and Wildlife Service (USFWS), U. S. Army Corps of Engineers (Corps), National Marine Fisheries Service (NMFS), California Department of Fish and Game (CDFG), and the San Francisco Bay Regional Water Quality Control Board (Water Board) to minimize unavoidable project impacts. Permits and authorizations from these agencies included conditions that must be monitored by the Designated Biologist. The Biological Monitor will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP). The following report includes all MEC project activities monitored during August 2004.

MONITORED MITIGATION MEASURES

Mitigation measures were developed through consultation with USFWS, NMFS, CDFG, Water Board, Corps, and California Energy Commission (CEC) for the MEC project. Compliance with any conditions of the Corps, Water Board, and CDFG permits will be included when permits are received and used on the project.

Conditions of Certification (COC) BIO-1 through BIO-13 were in compliance during August 2004.

The following conditions described in the USFWS Biological Opinion (BO) remained pertinent to the August monitoring efforts:

- Garbage must be removed from the site.
- Activity must be limited to the minimum necessary.
- The boundaries of the site will be clearly marked.
- All equipment, personnel, and access shall be confined to designated work areas and connecting roadways.
- Refueling will occur at least 50 feet away from aquatic habitats.
- Weekly California red-legged frog surveys will be conducted in work areas.
- Bullfrogs found during amphibian surveys, including adult, subadult, and larval bullfrogs, shall be captured and killed.
- The Biological Monitor will inspect the erosion control features during rain events or other water releases.
- Concrete trucks must be washed within a designated area with a surrounding berm.

The Biological Monitor was available throughout the month to respond to biological issues as needed. August activities are described in the following section.

SUMMARY OF ACTIVITIES

This report includes project activities that took place during August 2004. Monitored project activities in August included continued site construction, and installation of the gas line and sanitary sewer line. The following provides a description of these activities. A cumulative wildlife species list is included in Appendix A. WEAT sign-in sheets are included in Appendix B. Relevant photographs are included in Appendix C. The Biological Monitor completes daily logs summarizing activities, personal interactions, and observations. These logs are available on request.

Site Construction

August main site construction included ongoing excavation for and installation of underground utilities, and continued installation of concrete foundations. In addition, aboveground infrastructure installation included heat recovery steam generator components, cooling towers, electrical switchyard, and other equipment. Many of these activities will continue during September 2004.

The Biological Monitor visited the site periodically as required to inspect all construction activities. Monitoring visits focused on ensuring that work complied with CEC biological COCs and to determine future monitoring needs. Main site construction activity was limited to previously disturbed areas and remained outside the Fisher Creek riparian corridor.

Underground Utilities

Excavation and installation of underground utilities on the main site continued in August. Water and gas conveyance pipes, and electrical conduit were installed and open excavations were back-filled with concrete and/or soil. All open trenches and excavations include wildlife escape ramps and exposed pipe and conduit ends are capped to prevent wildlife entry/entrapment. Utility installation will continue into September 2004.

Concrete Foundations

Activities included installation of concrete forms and rebar, and concrete pouring for heavy structure foundations and other load bearing equipment. All concrete mixer trucks were cleaned in the designated concrete washout prior to leaving the project site. Foundation work will continue into September 2004.

Aboveground Infrastructure

Equipment continued to be transported from the laydown yards to the main site, where it is being installed on completed foundations. This work will continue into September 2004.

One active bird nest was located in the equipment stored in the north laydown yard. Wildlife activity for the project is discussed in greater detail in the *General Notes and Observations* section.

Natural Gas Pipeline

The gas pipeline extends east from the main site to an existing PG&E transmission backbone pipeline that runs along the eastern side of U.S. 101. The MEC gas pipeline is approximately 1 mile long and crosses several natural and constructed features, including the UPRR, Monterey Highway, the Coyote Creek riparian corridor, the Coyote Canal, and U.S. 101.

Pipeline activities included completion of the tie-in with the PG&E backbone. These activities included installation of valves and an above-ground meter. All work was limited to a previously disturbed area just east of Maleck Road.

Sanitary Sewer Line

The 12-inch diameter sanitary sewer pipeline is approximately 4,750-ft long and extends from the main site, west to an existing City of San Jose sewer line near Santa Teresa Road. The pipeline follows the same alignment as the project's proposed secondary access road.

Sewer line activities included the tie-in to the City of San Jose sewer line. The tie-in will likely be completed September 2004.

WORKER ENVIRONMENTAL AWARENESS TRAINING

The WEAT program was developed exclusively for the MEC project. Program materials include a handbook, video, and poster. As required by COC BIO-6 from the CEC *Commission Decision*, all new employees must attend the WEAT program.

One hundred and ninety-eight personnel received WEAT training during August for a total of 1998 employees trained at MEC. A Calpine Site Safety Officer administered the WEAT training to all new employees. A list of August WEAT attendees is included in Appendix B. Signed affidavits are kept on file by Calpine's Compliance Manager.

GENERAL NOTES AND OBSERVATIONS

Breeding Bird Activity

Breeding bird activity continued to be a biological issue on the site in August. Construction activities are typically considered a disturbance and a deterrent to most wildlife activity. However, for birds such as killdeer and others, construction sites with gravel and potential nest substrates (any stationary structure) can actually provide nesting opportunities for several species. MEC project personnel continued to be cooperative in notifying the Biological Monitor of wildlife observations, including bird nests and nesting activity.

All native bird nests with eggs or young are identified for avoidance. The site policy is to avoid all active nests containing eggs or young. Active nests are marked with caution flagging and/or signage to prevent disturbance of the nest by project activities.

August nest activity was limited to one mourning dove (*Zenaida macroura*) in the north laydown yard. The mourning dove chicks successfully fledged in late August, after which the Biological Monitor removed the nest.

Other Observations and Notes

Calpine personnel continued to perform periodic SWPPP compliance inspections of project BMPs. The Biological Monitor will continue to aid the Environmental Compliance Manager in site preparation for rain events and ensure installed BMPs are in good repair and are functioning properly.

No new wildlife species were observed in August 2004.

The Designated Biologist met with PG&E representatives on August 6th and 11th, 2004 to discuss the proposed transmission tie-in on Tulare Hill. Discussion included measures necessary to avoid disturbance of the surrounding serpentine soils, vegetation, and seed bed. Erosion and compaction control measures were discussed and evaluated. Transmission line construction will likely begin in September 2004.

APPENDIX A

Cumulative Wildlife Species Observed In or Near the Project Area

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to August 31, 2004)**

Common Name	Scientific Name	Location
INSECTS		
Bay checkerspot butterfly	<i>Euphydryas editha</i> spp. <i>Bayensis</i>	TH
Cabbage white butterfly	<i>Pieris rapae</i>	EC, GP
Anise swallowtail butterfly	<i>Papilio zelicaon</i>	TH
Lorquin's admiral	<i>Limenitis lorquini</i>	GP
Buckeye butterfly	<i>Precis coenia</i>	TH
Painted lady butterfly	<i>Vanessa cardui</i>	EC
Opler's longhorn moth	<i>Adela oplerella</i>	TH
Tarantula	<i>Euryopelma californicum</i>	TH
AMPHIBIANS AND REPTILES		
American bullfrog	<i>Rana catesbeiana</i>	CC
Pacific tree frog	<i>Hyla regilla</i>	TH, FC, EC
Arboreal salamander	<i>Aneides lugubris</i>	TH, EC
Western fence lizard	<i>Sceloporus occidentalis</i>	EC, TH, LA, FC, GP
Side-blotched lizard	<i>Uta stansburiana</i>	EC
Southern alligator lizard	<i>Elgaria multicarinata</i>	EC, TH, GP
Western skink	<i>Eumeces skiltonianus</i>	TH
Gopher snake	<i>Pituophis melanoleucus</i>	EC, LA, FC, PWL
Fish		
Largemouth bass	<i>Micropterus salmoides</i>	CC
Sunfish	<i>Lepomis</i> spp.	CC
Common carp	<i>Cyprinus carpio</i>	CC
BIRDS		
Pied-billed grebe	<i>Podilymbus podiceps</i>	FC, CC, GP
American white pelican	<i>Pelecanus erythrorhynchos</i>	EC*
Double-crested cormorant	<i>Phalacrocorax auritus</i>	CC*
Canada goose	<i>Branta canadensis</i>	EC*, CC
Mallard	<i>Anas platyrhynchos</i>	FC, CC
Gadwall	<i>Anas strepera</i>	FC
Wood duck	<i>Aix sponsa</i>	FC, CC
Common merganser	<i>Mergus merganser</i>	FC
Hooded merganser	<i>Lophodytes cucullatus</i>	FC
American coot	<i>Fulica americana</i>	FC, CC
Location:		
CC = Coyote Creek Riparian Corridor	TH = Tulare Hill Ecological Preserve	SAR = Secondary Access Road Corridor
CR = Coyote Ridge	TL = Transmission Line Corridor	SS = Sanitary Sewer Pipeline
EC = Metcalf Energy Center Plant Site	PWL = Potable Water Line Corridor	
FC = Fisher Creek Riparian Corridor	LEA = Laydown expansion area	
GP = Gas Pipe Line Corridor	LA = Laydown Area	
	CTP = Construction Trade Parking Lot	
Notes:		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		
Species in bold were recorded for the first time this month.		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to August 31, 2004) (Continued)**

<u>Common Name</u>	<u>Scientific Name</u>	<u>Location</u>
BIRDS (continued)		
Great blue heron	<i>Ardea heroides</i>	FC, GP
Green heron	<i>Butorides virescens</i>	FC, CC, GP
Great egret	<i>Casmerodius albus</i>	FC, GP
Snowy egret	<i>Egretta thula</i>	FC, GP
Killdeer	<i>Charadrius vociferus</i>	LA, LEA*, EC, GP
Turkey vulture	<i>Cathartes aura</i>	EC*, TH, LA, GP
White-tailed kite	<i>Elanus caeruleus</i>	FC, GP
Northern harrier	<i>Circus cyaneus</i>	FC, TH
Golden eagle	<i>Aquila chrysaetos</i>	TH
Osprey	<i>Pandion haliaetus</i>	CC*, TH, EC, FC
Sharp-shinned hawk	<i>Accipiter striatus</i>	FC, TH
Cooper's hawk	<i>Accipiter cooperii</i>	CC, EC*, FC
Red-shouldered hawk	<i>Buteo lineatus</i>	EC, FC, LA, CC, LEA, GP
Red-tailed hawk	<i>Buteo jamaicensis</i>	EC, FC, GP, TH, TL, CC
American kestrel	<i>Falco sparverius</i>	EC, TH, SS
Prairie falcon	<i>Falco mexicanus</i>	TH
Barn owl	<i>Tyto alba</i>	GP
California quail	<i>Callipepla californica</i>	CC, GP
Spotted sandpiper	<i>Actitis macularia</i>	FC
Mourning dove	<i>Zenaida macroura</i>	EC, FC, TH, TL, CC, GP
Rock dove	<i>Columba livia</i>	EC*, TH*, GP
Anna's hummingbird	<i>Calypte anna</i>	TH, CC
Hummingbird sp.		EC, TH, FC
Belted kingfisher	<i>Ceryle alcyon</i>	FC, EC*, CC, GP
Northern flicker	<i>Colaptes auratus</i>	EC, FC, TH
Nuttall's woodpecker	<i>Picoides nuttallii</i>	FC, FC** (nest), EC
Downy woodpecker	<i>Picoides pubescens</i>	EC, FC
Black phoebe	<i>Sayornis nigricans</i>	EC, EC** (nest), FC, TL, LEA, CC, GP
Say's phoebe	<i>Sayornis saya</i>	LEA
Western scrub-jay	<i>Aphelocoma californica</i>	EC, FC, LEA, CC, GP
Common raven	<i>Corvus corax</i>	EC, TH, FC, CC, GP
Horned lark	<i>Eremophila alpestris</i>	TH
Location:		
CC = Coyote Creek Riparian Corridor	TH = Tulare Hill Ecological Preserve	SAR = Secondary Access Road Corridor
CR = Coyote Ridge	TL = Transmission Line Corridor	SS = Sanitary Sewer Waterline
EC = Metcalf Energy Center Plant Site	PWL = Potable Water Line Corridor	
FC = Fisher Creek Riparian Corridor	LEA = Laydown expansion area	
GP = Gas Pipe Line Corridor	LA = Laydown Area	
	CTP = Construction Trade Parking Lot	
Notes:		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track).		
Species in bold were recorded for the first time this month.		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to August 31, 2004) (Continued)**

Common Name	Scientific Name	Location
BIRDS (CONTINUED)		
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	EC
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	FC, FC**(nest), EC, TL
Barn swallow	<i>Hirundo rustica</i>	EC, LEA, GP
Oak titmouse	<i>Baeolophus inornatus</i>	FC, CC
Chestnut-backed chickadee	<i>Poecile rufescens</i>	FC, GP
Bushtit	<i>Psaltriparus minimus</i>	EC, FC, FC**(nest), GP, TL, CC
White-breasted nuthatch	<i>Sitta carolinensis</i>	FC
Bewick's wren	<i>Thryomanes bewickii</i>	FC, TH, CC, GP
Rock wren	<i>Salpinctes obsoletus</i>	FC, TH, LA
Ruby-crowned kinglet	<i>Regulus calendula</i>	TH, FC, CC
Northern mockingbird	<i>Mimus polyglottos</i>	EC, FC, GP
Western bluebird	<i>Sialia mexicana</i>	FC, CC, EC, LEA
American robin	<i>Turdus migratorius</i>	LA, EC, CC
Loggerhead shrike	<i>Lanius ludovicianus</i>	TH, FC, EC, SAR
Western kingbird	<i>Tyrannus verticalis</i>	CC
European starling	<i>Strunus vulgaris</i>	LEA, FC, EC, GP
Rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	EC
Rufous-sided towhee	<i>Pipilo erythrrophthalmus</i>	GP
California towhee	<i>Pipilo crissalis</i>	EC, TH, FC, CC, GP
Dark-eyed junco	<i>Junco hyemalis</i>	FC, TH, CC
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	EC, FC, TH, CC
Song sparrow	<i>Melospiza melodia</i>	EC, LA, LEA, FC, GP
Yellow-rumped warbler	<i>Dendroica magnolia</i>	TH, FC, CC
Western meadowlark	<i>Sturnella neglecta</i>	EC, LA, TH
Red-winged blackbird	<i>Agelaius phoeniceus</i>	FC, SAR
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	FC, EC, CC, SAR
Bullock's oriole	<i>Icterus bullockii</i>	FC, FC**(nest), CC
House finch	<i>Carpodacus mexicanus</i>	EC, LA**, CC, FC, LEA**(nest), GP
American goldfinch	<i>Carduelis tristis</i>	LEA
Lesser goldfinch	<i>Carduelis psaltria</i>	EC, FC, CC, TH
House sparrow	<i>Passer domesticus</i>	EC, FC, CC, LEA**(nest)
Location:		
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Notes:		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		
Species in bold were recorded for the first time this month.		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to August 31, 2004) (Continued)**

Common Name	Scientific Name	Location
MAMMALS		
Common raccoon	<i>Procyon lotor</i>	FC** (track)
Striped skunk	<i>Mephitis mephitis</i>	TH** (track), GP
Opossum	<i>Didelphis marsupialis</i>	EC
Domestic dog	<i>Canis familiaris</i>	EC
Coyote	<i>Canis latrans</i>	TH, SS
Feral cat	<i>Felis catus</i>	EC
Mountain lion	<i>Puma concolor</i>	GP** (tracks)
Bobcat	<i>Lynx rufus</i>	CC** (carcass), GP
California ground squirrel	<i>Spermophilus beechyi</i>	EC, FC, TH, TL, GP
Western gray squirrel	<i>Sciurus griseus</i>	FC
Valley pocket gopher	<i>Thomomys bottae</i>	LA** (carcass), SAR, GP
California vole	<i>Microtus californicus</i>	FC, EC
Deer mouse	<i>Peromyscus maniculatus</i>	TH, EC
Dusky-footed woodrat	<i>Neotoma fuscipes</i>	GP** (lodge)
Norway Rat	<i>Rattus norvegicus</i>	EC
Common muskrat	<i>Ondatra zibethicus</i>	FC
Brush rabbit	<i>Sylvilagus bachmani</i>	GP
Black-tailed jackrabbit	<i>Lepus californicus</i>	EC, TH, CTP
Feral pig	<i>Sus scrofa</i>	CC** (carcass), GP** (scat)
Tule elk	<i>Cervus nannodes</i>	CR
Black-tailed deer	<i>Odocoileus hemionus</i>	FC, GP, CC
Location:		
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	CTP = Construction-Trade Parking Lot	
Notes:		
* Flyover or otherwise not utilizing area resources.	Species in bold were recorded for the first time this month.	
** Non-active sign (i.e. carcass, feather, nest, track)		

APPENDIX B

WEAT Sign-In Sheets

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 8.2.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s:

M. Shonell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.03.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

FOR OFFICE USE ONLY						
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W OR D	EMP ID #	BADGE #	PARK PERMIT #
Victor Bouchard	<u>Victor Bouchard</u>	Marley Cooling	W	00833	—	—
Fernando Almeida	<u>Fernando Almeida</u>	MARLEY COOLING	W	00834	—	—
SEAN FITCH	<u>Sean Fitch</u>	MARLEY COOLING	W	00835	—	—
DAVE BERKHEIMER	<u>Dave Berkheimer</u>	SUPERHEAT	W	00836	—	—
Jack Dailey	<u>Jack Dailey</u>	Marley	W	00837	—	—
Tim Shea	<u>Tim Shea</u>	Sheedy	W	00838	—	—
Tim Gallo	<u>Tim Gallo</u>	ROSENDIN	W	00839	—	—
DON VAUGHT	<u>Don Vaughn</u>	PG&E	D	523	16821	
RAMON MENESSES	<u>Ramon Meneses</u>	OLSON STEEL	W	00840	—	—
John Anthony	<u>John Anthony</u>	DPR con inc	W	00841	—	—
Ken Brown	<u>Ken Brown</u>	Rosendin E&I	W	00842	—	—
GARTH WILLIAMS	<u>Garth Williams</u>	Rosendin E&I	W	00843	—	—
BRANDON SCHLOEDER	<u>Brandon Schloeder</u>	Pacific Testing	W	00844	—	—
TONNIE CEBALLOS	<u>Tonnie Ceballos</u>	REI	W	00845	—	—
Larry Mora	<u>Larry Mora</u>	PG&E	D	525	16823	
BEN BUIE	<u>Ben Buie</u>	SACTS	W	00846	—	—
DONALD CASE	<u>Donald Case</u>	MARLEY	D	526	16822	
JOHNNY BROWN	<u>Johnny Brown</u>	Lloyd Arvey	W	00847	—	—
WILLIAM D. ARCHER	<u>William D. Archer</u>	ROSENDIN	W	00848	—	—

(a)

Instructor/s:

M. Monell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.10.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

FOR OFFICE USE ONLY						
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W OR D	EMP ID #	BADGE #	PARK PERMIT #
John Lara	John Lara	Rosendin Electric	W	00883	—	—
AL Whippen	Gil Whippen	" "	W	00884	—	—
CARLOS SANDOVAL	Car Sandoval	NAT. STGGL	W	00885	—	—
James Fratello	James Fratello	National Steel	W	00886	—	—
Sol Tulah	Sol Tulah	Rosendin	W	00887	—	—
Steve Guzman	Steve Guzman	"	W	00888	—	—
JEFFERY STEPHENS	Jeffery Stephens	AJ	W	00889	—	—
ROSEMARY SILVA	Rosemary Silva	CALPINE	D	211	60610	
Jack Deater	Jack Deater	S. S. C.	W	00890	—	—
John Hernandez	John Hernandez	REI	W	00891	—	—
TONY OLERT	Tony Olert	REI	W	00892	—	—
RUBEN HERNANDEZ	Ruben Hernandez	REI	W	00893	—	—
Braulio Solis	Braulio Solis	Top Grade	W	00894	—	—
MURRY W THOMSON	Murry W Thomson	WILSON	W	00895	—	—
EUFROSINO CHICO	Eufrosino Chico	CALPINE	D	098	60297	
AARON V. QUEST	Aaron Quest	CALPINE	D	263	60662	
Scott Hogue	Scott Hogue	Wilson	W	00896	—	—
John O'Brien	John O'Brien	Wilson	D	0283	60682	
BEN E. DAVIS	Ben E. Davis	SACKS	W	00898	—	—

ESTEVAN

Instructor/s:

Normell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.10.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s: D. Shadwell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.09.04

4pm

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s:

V. Shonell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.09.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

FOR OFFICE USE ONLY						
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W OR D	EMP ID #	BADGE #	PARK PERMIT #
Ted Shoacraft	<u>Ted Shoacraft</u>	CMT	W	00849	—	—
Kevin Sullivan	<u>Kevin Sullivan</u>	CMT	W	00850	—	—
Dennis Fisk	<u>Dennis Fisk</u>	SSC	W	00851	—	—
Shawn Mayborne	<u>Shawn Mayborne</u>	SSC	W	00852	—	—
Donald G. Tenant	<u>Donald G. Tenant</u>	SSC	W	00853	—	—
Matthew Scethen	<u>Matthew Scethen</u>	SSC	W	00854	—	—
Michael Buckley	<u>Michael Buckley</u>	SSC	W	00855	—	—
Miguel Maravilla	<u>Miguel Maravilla</u>	I.S.I. Interstate	W	00856	—	—
Manuel Castillo	<u>Manuel Castillo</u>	I.S.I. Interstate	W	00857	—	—
Terry Lechowicz	<u>Terry Lechowicz</u>	STROCAL	W	00858	—	—
Salvador Ramirez	<u>Salvador Ramirez</u>	STROCAL	W	00859	—	—
LARRY BEECH	<u>Larry Beech</u>	CPN	D	271	60670	02810
Javier Ruedez	<u>Javier Ruedez</u>	Nat. Steel	W	00860	—	—
Samuel White	<u>Samuel White</u>	Nat. steel	W	00861	—	—
ROBERT CAYSON	<u>Robert Cayson</u>	S.U.S.E.	W	00862	—	—
Donald Morris	<u>Donald Morris</u>	SUSE	W	00863	—	—
ROBERT SCHILL	<u>Robert Schill</u>	SUSE	W	00864	—	—
Thomas Hubbard	<u>Thomas Hubbard</u>	SUSE	W	00865	—	—
KENNETH S. LAUER	<u>Kenneth Lauer</u>	SUSE	W	00866	—	—

Instructor/s:

MSnowell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.09.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s: M. Gromell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.16.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

FOR OFFICE USE ONLY						
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W OR D	EMP ID #	BADGE #	PARK PERMIT #
Ronald D. Griffith	Ron D. Griffith	Wilson	W	00910	—	—
Javier Diaz	Javier Diaz	Wilson	W	00911	—	—
Van Leman	Van Leman	Wilson	W	00912	—	—
AMADOR FRIAS	Amador Frias	Aluma Systems	W	00913	—	—
Abelardo Solis	Abelardo Solis	Aluma Systems	W	00914	—	—
Ivan Granda	Ivan Granda	ALUMA Systems	W	00915	—	—
Argimiro Granda	Argimiro Granda	Aluma Systems	W	00916	—	—
Danny Winberg	Danny Winberg	S.S.C.	W	00917	—	—
Rudy Elias	Rudy Elias	SSC	W	00918	—	—
LARRY ROY	Larry Roy	SSC	W	00919	—	—
Elmer Rodman	Elmer Rodman	RET	W	00920	—	—
Norm Barlow	Norm Barlow	CCE	W	00921	—	—
Mike Phillips	Mike Phillips	Superior (REF)	W	00922	—	—
MIKE EATON	Mike Eaton	SACIS	W	00923	—	—
John Green	John Green	Rosendin	W	00924	—	—
Doug Rumsey	Doug Rumsey	Rosendin	W	00925	—	—
Robert H. Womack	Robert Womack	Wilson	W	00926	—	—
KEITH W. GEIGER	Keith Geiger	SACIS	W	00927	—	—
Gregg D. Pennedak	Gregg D. Pennedak	Rosendin	W	00928	—	—
Mike Tilley	Mike Tilley	Wilson	W	00929	—	—

Instructor/s:

M. Shomall

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.7.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s:

D. G. Miller

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: Aug 23, 2004

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s:

Hermelle

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08. 24. 04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

FOR OFFICE USE ONLY						
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W OR D	EMP ID #	BADGE #	PARK PERMIT #
Simon Diaz	Simon Diaz	Rosendin	W	00955	—	—
David Pounds	David Pounds	Rosendin	W	00956	—	—
Joaquin Valencia	Joaquin Valencia	Rosendin	W	00957	—	—
Ben Nandkeshwar	Ben Nandkeshwar	Rosendin	W	00958	—	—
Mark Lopez	Mark Lopez	INTERSTATE	W	00959	—	—
Ricardo Victor	Ricardo Victor	THOMPSON	W	00960	—	—
MIGUEL DELGADO	Miguel Delgado	ROSENDIN ELECTRIC INC	W	00961	—	—
ERIK Perez	Erik Perez	DPR Daywall	W	00962	—	—
Rodolfo maguleno	Rodolfo maguleno	DPR	W	00963	—	—
Rodolfo Garcia	Rodolfo Garcia	DPR	W	00964	—	—
Rick Lovel	Rick Lovel	Rosendin	W	00965	—	—
Matthew Meininge	Matthew Meininge	Marky C.T.	W	00966	—	—
HENRY DREW	H.Drew	ROSENDIN elec	W	00967	—	—
JORDAN FRANKS	Jordan Franks	ROSENDIN/SLAT	W	00968	—	—
Bryan A Davi	Bryan A Davi	Aubry	W	00969	—	—
Will Palmer	Will Palmer	MARLEY	W	00970	—	—
OSMAN Hyadic	Osman Hyadic	MARLEY	W	00971	—	—
David Martinez	David Martinez	Wilson Const.	W	00972	—	—
Robert T Donohue	Robert T Donohue	M.W. Leg	W	00973	—	—

Instructor/s: M. Shomell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.24.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s:

N. Fromell

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08. 30.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

FOR OFFICE USE ONLY						
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W O R D	EMP ID #	BADGE #	PARK PERMIT #
MIKE PARMENTER	Mike Parmenter	REI	W	00971		
Steve Nelson	Steve Nelson	REI	W	00978		
* Andy Wilson	Andy Wilson	R.E.I	—	—	—	—
Steven Mortensen	Steven Mortensen	A.J	W	00979		
Moises Rojas	Moises Rojas	TOP GRADE	W	00980		
José Flores	José Flores	Top Grade	W	00981		
Douglas Morgan	Douglas Morgan	Top Grade	W	00982		
Ron Matherly	Ron Matherly	REI	W	00983		
Rafael Arellano	Rafael Arellano	REI	W	00984		
Thomas Martinez	Thomas Martinez	REI	W	00985		
* Francisco Covantes	Francisco Covantes	REI	W	00986		
Ryan Black	Ryan Black	REI	W	00987		
Chuck Andrews	Andrews	P.G.E	D	622 36111	301	
* Robert Gagnon	Gagnon	POWER ENGINEERS	W	00988		
JOE Vargas	Vargas	R.E.I.	W	00989		
Lorenzo Rios	Lorenzo Rios	ANVINE-JOHNSON	W	00990		
RICHARD ALVARAN	Alvaran	D.P.R CONST INC.	W	00991		
David Stephens	Stephens	SPRING ELC.	W	00992		
Rich Wilson	Wilson	United Mech	W	00993		

Instructor/s:

N. Shomill

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 8.30.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

Instructor/s: _____

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 08.31.04

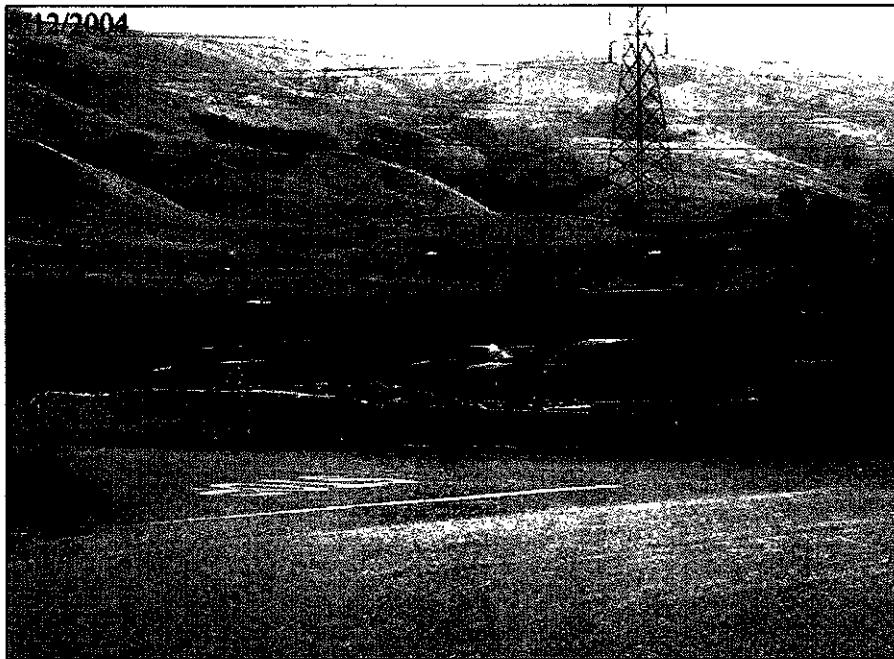
PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

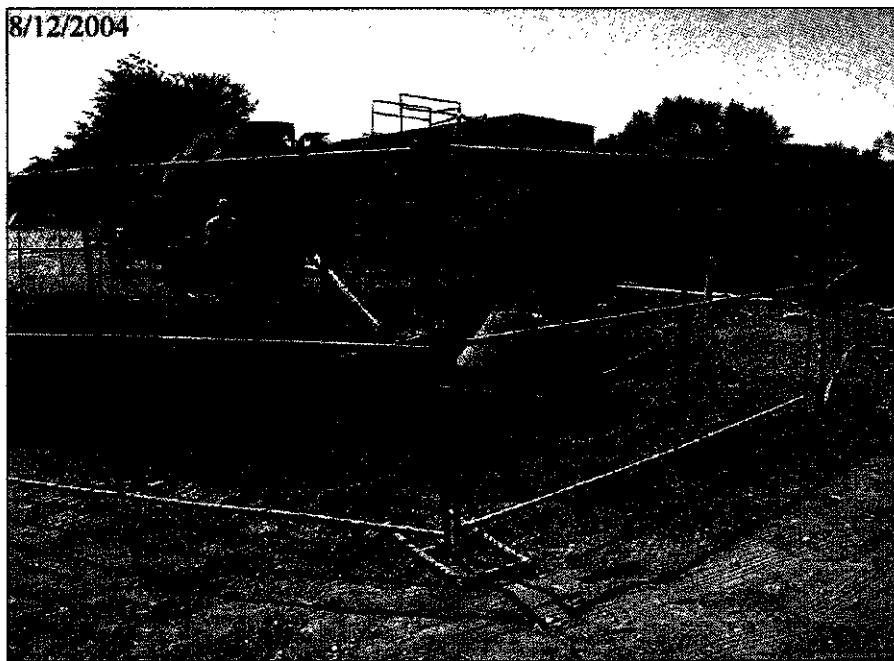
Instructor/s: N. Shomali

APPENDIX C

Photographs



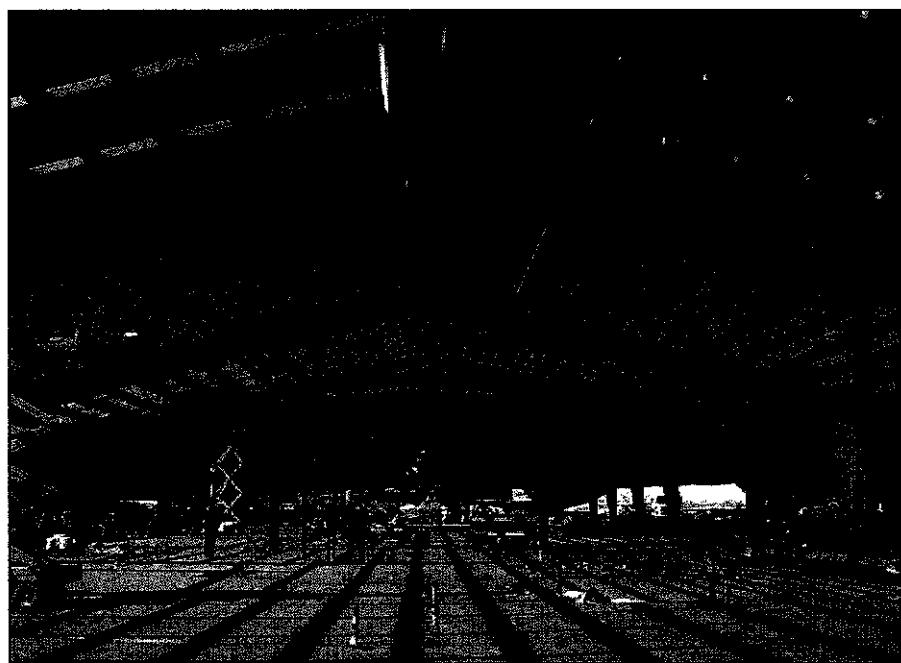
Gas Line Meter and Valve Installation



Sewer Line Tie-In



Switch Yard Construction



Control Building and Storage Facility Construction

CONDITION OF CERTIFICATION CUL-7
WEEKLY SCHEDULES

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

Memorandum

To: Colin Busby, Lanny Fisk
From: Mark Smolley

July 30, 2004,

Re: Anticipated Excavation Activities – Three Week Look Ahead

The following are the upcoming anticipated excavation activities at the Metcalf Energy Center for the next three weeks. As always, I will continue to provide day-to-day updates directly to the various field staff.

Week of 8/2/04

Sewer Line – Presence/Absence Testing near rail spur on MEC site – 1 day
Sewer Line – Fill Material at existing sewer manhole & at Santa Teresa Blvd – 2-3 days
Switchyard – Augering for concrete piers – 1 day
Minor Misc. Plant excavations in Fill Material
Western Access Road – Disc 6" to 12" of surface soil – 2 days

Week of 8/9/04

Switchyard – Secondary Power Line beneath block retaining wall on East Side - 2 days
Minor Misc. Plant excavations in Fill Material
Sewer Line – Near Rail Spur – 1 day

Week of 8/16/04

To Be Determined

CONDITION OF CERTIFICATION PAL-4
PALEO MONTHLY SUMMARY REPORT

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

**Metcalf Energy Center Project
Paleontological Resource Monitoring and Mitigation Program**

Monthly Report

Project Name: Metcalf Energy Center (MEC)

Project Number: 01-17

Clients: Calpine/CH2M Hill

Month: August 2004

Designated Paleontological Resource Specialist: Dr. Lanny H. Fisk, PhD, RG

Monthly Report for August 2004:

During the month of August 2004, PaleoResource Consultants (PRC) continued to work with Calpine Corporation through their environmental consultants, CH2M Hill, to mitigate potential adverse impacts to paleontological resources (fossils) which might result from construction of the Metcalf Energy Center (MEC) and associated linear facilities (including a natural gas pipeline, sanitary sewer line, water supply lines, and electrical transmission line) all located in south San Jose, California. In August MEC project-related ground disturbance requiring paleontological monitoring included only trenching for linear facilities off site. Excavations at the MEC plant site were shallow and involved only artificial fill. Off site excavations involved trenching for the sanitary sewer line (up to 8 feet deep) and potable water line (up to 8 feet deep). Excavations were monitored by PRC paleontological resource monitor Patrick W. Riseley.

Sediments exposed in trenches and tie-in pits consisted of dark brownish gray sands and gravels containing rounded cobbles, the latter filling buried and abandoned stream channels, to light brown silty sand with pebble gravels. Both the lithology of the sediments and the depositional environments represented would appear to be conducive to the burial and preservation of plant and animal fossils. However, no fossils were discovered during monitoring.

CONDITION OF CERTIFICATION SOCIO-1
LIST OF PLANNED PROCUREMENT

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

SOCIO-1: List of planned procurement of materials or hiring outside the local regional area during the next two months.

Material/equipment	Manufacturer	Point of Origin	Reason
Sample panel	Sentry Equipment Corporation	Oconomowoc, WI	Not available locally
Boiler Feedwater Pumps	Wier Pumps	Colorado	Not available locally
Water Treatment Equipment	Aqua Tech	Pennsylvania	Not available locally
Power Distribution Centers	Tesla	Texas	Not available locally

COMPLIANCE MATRIX

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING		1/14/2002				
START OF CONSTRUCTION		9/4/2002				
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
AQ-1	Minimize emissions of carbon monoxide (CO) and nitrogen oxides (NOx) from S-1 and S-3 GTs, and S-2 and S-4 HRSGs.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report			
AQ-2	Tune combustors of S-1 & S-3 GTs and S-2 and S-4 HRSGs duct burners to minimize emissions of CO and NOx.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report			
AQ-3	Install, adjust, and operate A-1 and A-2 SCR Systems to minimize emissions of CO and NOx from S-1 and S-3 GTs and S-2 and S-4 (HRSGs).	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report			
AQ-4	With steady-state operation of A-1 & A-2 SCR systems shall comply with NOx and CO emission limitations.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report			
AQ-5	Submit plan to DPSD and CPM describing procedures to be followed during commissioning of GTs, HRSGs, and STGs.	At least 28 days prior to first firing of the gas turbines, submit a complete commissioning plan	28 days prior to first fire of Gas Turbines			
AQ-6	Demonstrate compliance with conditions 8-10 through the use of properly operated and maintained CEMS and data recorders.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report			
AQ-7	Install, calibrate, operate District approved CEMS monitors prior to first firing of GTs and HRSGs.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report			
AQ-8	Total no. of firing hours for S-1 GT and S-2 HRSG without abatement of A-1 SCR shall not exceed 300 hours during commissioning.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to CPM.	Monthly Compliance Report			
AQ-9	Total no. of firing hours for S-3 GT and S-4 HRSG without abatement of A-3 SCR shall not exceed 300 hrs during commissioning period.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to the CPM.	Monthly Compliance Report			
AQ-10	Total mass emissions of NOx, CO, POC, PM10, and SO2 emitted by the GTs and HRSGs during the commissioning period shall accrue towards the consecutive 12-month emission limitations.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to the CPM.	Monthly Compliance Report			
AQ-11	Combined daily emissions from GTs and HRSGs shall not exceed the following during the commissioning period: NOx = 4805; CO = 11,498; POC = 436; PM10 = 468; SO2= 42.	In the monthly compliance report indicate any violations of the emission limits	Monthly Compliance Report			
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMs to determine compliance with Condition 21.	20 working days before the execution of the source tests, submit to the District and CPM a detailed source test plan designed to satisfy the requirements of this condition.	20 days prior to source test per AQ-12			
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMs to determine compliance with Condition 21.	Source test results shall be submitted to the District and the CEC CPM within 30 days of the source testing date.	Within 30 days of source tests per AQ-12 complete			
AQ-12	Notify the District and the CEC CPM.	Notify the District and the CEC CPM.	Within seven (7) working days prior to the planned testing date			

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
AQ-13	GTs (S-1, S-3) and HRSG (S-2, S-4) shall be fired exclusively on natural gas. (BACT for SO2 and PM10)	As part of the semannual Air Quality Reports, indicate the date, time, and duration of any violation of this condition.	Semannual Air Quality Reports				
AQ-14	Combined heat input rate of each power train (S-1 & S-2, S-3 & S-4) shall not exceed 2,124 MMBtu/hr (3-hour rolling average). (PSD for NOx)	As part of the Air Quality monthly Reports, include information on the date and time when the hourly fuel consumption exceed this hourly limit.	Monthly Air Quality Reports				
AQ-15	Combined heat input rate of each power train (S-1 & S-2 and S-3 & S-4) shall not exceed 49,908 MMBtu/day (PSD for PM10)	As part of the Air Quality monthly Reports, include information on the date and time when the hourly fuel consumption exceed this daily limit.	Monthly Air Quality Reports				
AQ-16	Combined cumulative heat input rate of GTs (S-1, S-3) and HRSGs (S-2, S-4) shall not exceed 35,274,060 MMBtu/yr. (Offsets)	As part of the Air Quality annual Reports, include information on the date and time when the annual cumulative fuel consumption exceed this annual limit.	Annual Air Quality Reports				
AQ-17	HRSGs (S-2, S-4) duct burners shall not be fired unless associated GTs (S-1, S-3) are in operation. (BACT for NOx)	As part of the Air Quality Reports, include information on the date, time, and duration of any violation of this permit condition.	Monthly Air Quality Reports				
AQ-18	GT/HRSG (S-1/S-2) shall be abated by the A-1 SCR system whenever fuel is combusted in these units and the A-1 catalyst bed has reached min. operating temperature.	As part of the semannual Air Quality Reports, provide information on any major problem in the operation of the Oxidizing Catalyst and Selective Catalytic Reduction Systems for the Gas Turbines and HRSG's.	Semannual Air Quality Reports				
AQ-19	GT/HRSG (S-3/S-4) shall be abated by the A-2 SCR system whenever fuel is combusted in these units and the A-2 catalyst bed has reached min. operating temperature.	As part of the semannual Air Quality Reports, provide info. on any major problem in the operation of the Oxidizing Catalyst and Selective Catalytic Reduction Systems for the Gas Turbines and HRSG's.	Semannual Air Quality Reports				
AQ-20(a)	Emission requirements: Emission Point P-1 NOx = 19.2 lbs/hr [0.00944 lbs/MMBTu (HHV) of nat. gas fired]; Emission Point P-2 NOx = 19.2 lbs/hr [0.00944 lbs/MMBTu (HHV) of nat. gas fired].	As part of the semannual Air Quality Reports, indicate the date, time, and duration of any violation. Include quantitative info. on the severity of the violation.	Semannual Air Quality Reports				
AQ-20(b)	NOx Emission concentration = 2.5 ppmv (corrected to 15% O ₂). 1-hr average Emission Point P-1, P-2 (BACT for NOx).	Same as above	Semannual Air Quality Reports				
AQ-20(c)	CO mass emission = 28.07 lbs/hr (at any 3-hour rolling avg.) Emission Point P-1, P-2.	Same as above	Semannual Air Quality Reports				
AQ-20(d)	When the heat input to a CT exceeds 1700 MMBTU/hr (HHV), the CO emission concentration shall not exceed 6.0 ppmv on dry basis and the CO mass emission rate shall not exceed 0.0132 lb/MMBTU at any 3-hr rolling average.	Same as above	Semannual Air Quality Reports				
AQ-20(e)	Ammonia (NH ₃) emission concentration shall not exceed 5 ppmv on dry basis, at any 3-hour rolling avg. Ammonia injection rate to A-1/A-2 to be verified through continuous recording of rate.	Same as above	Semannual Air Quality Reports				

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
AQ-20(f)	Precursor organic compounds (POC) mass emissions (as CH ₄) shall not exceed 2.7 lbs/hr or 0.00126 lbs/MMBTU of natural gas fired. (Emission points P-1, P-2).	Same as above	Semiannual Air Quality Reports			
AQ-20(g)	Sulfur dioxide (SO ₂) mass emissions at P-1, P-2 each shall not exceed 1.28 pounds per hour or 0 .006 lb/MM BTU of natural gas fired. (BACT)	Same as above	Semiannual Air Quality Reports			
AQ-20(h)	PM10 mass emissions at P-1, P-2 each shall not exceed 9 pounds per hour or 0.00452 lb PM10/MM BTU. Particulate matter (PM10) mass emissions at P-1, P-2 each shall not exceed 12 pounds per hour or 0.00565 lb PM10/MM BTU, when HRSG duct burners are in operation.	Same as above	Semiannual Air Quality Reports			
AQ-21	GT (S-1, S-3) Start-up and Shutdown emission rates	Same as above	Semiannual Air Quality Reports			
AQ-22	Not more than one GT (S-1, S-2) shall be in start-up mode at any one time.	In the monthly compliance report indicate how this condition is being implemented.	Monthly Compliance Report			
AQ-23	HRSGs and ducting shall be designed such that an oxidation catalyst shall be readily installed if deemed necessary by APCD to insure compliance with CO emissions rates.	In the semiannnual compliance report indicate how this condition is being implemented	Semiannnual Air Quality Reports			
AQ-24	Total combined emissions in lbs/day, from GT's and HRSGs (S-1, S-2, S-3, S-4), including start-up and shutdown.	As part of the semiannnual Air Quality Reports, indicate the date of any violation of this condition including quantitative information on the severity of the violation.	Semiannnual Air Quality Reports			
AQ-25	Cumulative combined emissions in tons/any consecutive 12-month period, from GTs and HRSGs shall not exceed NO _x = 123.4 (offsets), CO=88, POC=28 (offsets), PM10=91.3 (offsets), SO2=10.6 (cumulative increase).	As part of the semiannnual Air Quality Reports, indicate the date of any violation of this condition including quantitative information on the severity of the violation.	Semiannnual Air Quality Reports			
AQ-26	Maximum projected combined annual toxic air contaminant emissions from GTs and HRSGs (S-1, S-2, S-3, S-4). (a) formaldehyde = 3.76 lbs/yr (b) Benzene = 480 lbs/yr (c) PAHs=22.8 lbs/yr	As part of the annual Air Quality Reports, indicate the date, duration, and severity of any violation including quantitative information on the severity of the violation.	Annual Air Quality Reports			
AQ-26	Perform health risk assessment using emission rates per BAAQMD approved procedures and submit risk analysis to District and CPM.	As part of the annual Air Quality Reports, indicate the date of any violation of this condition including quantitative information on the severity of the violation or submit risk analysis to District and CPM.	Within 60 days of source test date			
AQ-27 (a-d)	Demonstrate compliance with conditions 14-17, 20(a) d), 21, 22, 24(a), 24(b), 25(a), 25(b) by using continuous monitors during all operating hours for the following parameters.	As part of the annual Air Quality Reports, indicate the date of any violation of this condition including quantitative information on the severity of the violation.	Annual Air Quality Reports			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
AQ-27(e-f)	Use parameters in condition 27(g-c) and District approved methods to calculate the following. (e) Heat input rate for S-1 & S-2 combined, and S-3 & S-4 combined (f) Corrected NOx and CO concentrations and mass emissions at each exhaust point (P-1, P-2)	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports			
AQ-27(g-i)	For each source, source grouping, or exhaust point record parameters at least once every 15 minutes and calculate and record for the following. Refer to AQ-27 for further details.	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports			
AQ-28(a-b)	Demonstrate compliance with conditions 20, 21, 24, 25 by calculating and recording on a daily basis POC, PM10, and SO2 mass emissions fine PM10 and SO2 from each power train.	As part of the monthly Air Quality Reports, the owner/operator shall indicate the date of any violation including quantitative information on the severity of the violation.	Monthly Air Quality Reports			
AQ-29	Calculate and record on annual basis the maximum projected annual emissions of formaldehyde, benzene, Specified Poly-Aromatic Hydrocarbons (PAHs).	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports			
AQ-30	Within 60 days of startup, conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Source test protocols shall be submitted at least 30 days before startup. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	Source test within 60 days of startup	30 days before startup		
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Conduct test within 60 days of startup	Conduct test within 60 days of startup	Within 60 days of startup		
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Submit source test results to the District and to the CEC CPM.	Submit source test results to the District and to the CEC CPM.	Within 30 days of the tests		
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Notify the District and the CEC CPM.	Notify the District and the CEC CPM.	Within seven working days before the execution of the source tests.		
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Submit source test protocols. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	Submit source test protocols. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	Within 60 days of startup and on annual basis thereafter.		
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Conduct test within 60 days of startup	Conduct test within 60 days of startup	Within 60 days startup		
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Notify the District and the CEC CPM.	Notify the District and the CEC CPM.	Within seven (7) working days before the execution of the source tests		
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Submit source test results to the District and to the CEC CPM.	Submit source test results to the District and to the CEC CPM.	Within 30 days of the date of the tests		

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
AQ-32	Obtain approval for all source test procedures from District Source Test Section and CPM prior to conducting tests.	Provide a copy of source test protocol.	90 days before startup			
AQ-32	Obtain approval for all source test procedures from District Source Test Section and CPM prior to conducting tests.	Notify the District's Source Test Section and the CEC CPM in writing of the Source Test Protocols and projected test dates at least 7 days prior to the testing date(s).	7 days prior to testing date(s)			
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GT's at minimum load.	Notify the District and the CEC CPM at least 7 working days before the owner/operator plans to conduct source testing as required by this condition.	Execution of the Source Test			
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GT's at minimum load.	Conduct test.	Within 60 days of startup and on biennial basis thereafter			
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GT's at minimum load.	Source test results shall be submitted to the District and the CEC CPM.	Within thirty (30) days of conducting the test			
AQ-34	Submit all reports as required by District Rules or Regulations and in accordance with all procedures and time limits.	Submit a copy of test protocols at least 90 days before startup.	90 days before startup			
AQ-35	Maintain records and reports on site for a minimum of 5 years.	During site inspection, make all records and reports available to the District, California Air Resources Board, and CEC staffs.	AQ Inspection per AQ-35			
AQ-36	Notify District and CPM of any violations of these permit conditions.	Submission of these notifications as required by this condition is the verification of these permit conditions.	Violation of Permit Conditions			
AQ-37	Stack height or emission points (P-1, P-2) shall be at least 145 feet above grade at the stack base. (GT/HRSSG stack height).	Submit the drawings for review and approval.	45 days prior to the release to the manufacturer			
AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing.	120 days before initial operation, submit to the BAAQMD and the CEC CRM a plan for the installation of stack sampling ports and platforms.	120 days before initial Operation			
AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing.	Within 60 days of receipt of the plant, the BAAQMD will advise the Owner/Operator and the CPM of the acceptability of the plan.	Approval by BAAQMD and CPM after submittal			
AQ-39	Contact the BAAQMD Technical Services division regarding requirements for the continuous monitors, sampling ports, platforms, and source tests.	Contact the BAAQMD Technical Services division.	Within 180 days of issuance of Authority to Construct			
AQ-39	Contact the BAAQMD Technical Services division regarding requirements for the continuous monitors, sampling ports, platforms, and source tests.	Notify the CEC CPM at least seven (7) working days before contacts are made.	7 days before contacts are made			
AQ-40	Demonstrate valid ERGs in the amount of 212.75 tons/year of NOx and 28 tons/yr of VOC or equivalent as defined by District Regs 2-2-302.1 and 2-2-302.2	Within 30 days after issuance of Authority to Construct, provide a copy of the ATC to the CEC CPM for review.	Within 30 days after issuance of Authority to Construct	8/15/02	2/22/02	N/A
AQ-40	Demonstrate valid ERGs in the amount of 212.75 tons/year of NOx and 28 tons/yr of VOC or equivalent as defined by District Regs 2-2-302.1 and 2-2-302.2	Within 30 days after issuance of Authority to Construct, provide a copy of the ATC to the CEC CPM for review.	Within 30 days after issuance of Authority to Construct	3/15/02	2/22/02	N/A

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START OF MOBILIZATION/ROUGH GRADING		Event		Required Submittal Date	Date submitted by CPM/CBO	Status/Comments
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date approved by CPM/CBO	
AQ-41	Provide to District valid ERC banking certificates in the amount of 212.75 ton/yr of NOx and 28 tons/yr of POCS or equivalent.	At least 30 days prior to the start of construction, submit a copy of the required offset or ERCS certificates to the CPM.	30 days prior to start of construction	8/2/02	7/26/02	N/A Complete
AQ-42	Submit an application to the BAACQMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Submit an application to the BAACQMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Within 12 months of issuance of PSD Permit	1/9/02	N/A	Complete
AQ-42	Submit an application to the BAACQMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Submit an application to the BAACQMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	30 days after permit issued			Expect to receive permit in Spring 2004.
AQ-43	Submit an application to the District for a Title IV operating permit at least 24 months prior to the initial operation of any GTs or HRSGs.	Submit to the CPM a copy of the application for the Title IV operating permit.	24 months before initial operation	8/4/01	N/A	Complete
AQ-44	Comply with the continuous emission monitoring requirements of 40 CFR Part 15.	Submit to the CPM a plan on how the measurements and recordings required by this condition will be performed.	60 days before initial Operation			
AQ-45	Take monthly samples of natural gas combusted at MEC and analyze these samples for sulfur content using District-approved lab methods.	Maintain on site the records of all the guarantees received from its natural gas suppliers indicating that the fuel delivered to MEC complies with the 40 CFR Part 60, Subpart G.	On-site Compliance Inspections			
AQ-46	Cooling towers shall be properly maintained to minimize drift losses.	Submit a performance guarantee letter from the cooling tower manufacturer.	30 days prior to installation of Cooling Tower per AQ-46	6/17/04	7/12/04	Complete
AQ-47a	Perform visual inspection of cooling tower drift eliminators once per calendar year and repair or replace any drift eliminators which are broken or missing.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition.	Monthly Air Quality Reports			
AQ-47b	Have cooling tower representative inspect the cooling tower drift eliminators and certify installation was performed in a satisfactory manner.	Have cooling tower representative inspect the cooling tower drift eliminators and certify installation.	Initial Operation	4/1/05		
AQ-47c	Perform an initial performance source test to determine the PM10 emission rate from the cooling tower to verify compliance with the vendor-guaranteed drift rate.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition.	Within 60 days of initial operation of the cooling tower			
AQ-48	Implement a CPM approved Fugitive Dust Control Plan during construction.	Submit the plan to the CEC CPM for review and approval.	60 days prior to start of construction	6/12/01	6/12/01	Complete
AQ-48	Implement a CPM approved Fugitive Dust Control Plan during construction.	Maintain daily records to document the specific actions taken pursuant to the plan. Summary of activities in MCR.	Monthly Compliance Report			On-going
AQ-49	During construction owner shall:	The project owner shall maintain a daily log during the construction phase of the project. The logs shall be made available to the CEC CPM upon request.	Start of Construction			On-going
AQ-50	Identify the source of the fugitive dust and implement one or more of the appropriate control measures specified in Table 3.	Maintain a daily log recording the dates and times that measures have been implemented and make them available to the CEC CPM upon request.	Start of Construction			On-going

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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
AQ-51	Provide the District with valid ERC certificates for PM10 for the amount of 29.21 tons per year and for VOC for the amount of 124.2 tons per year from the sources noted in Condition 51.	At least 30 days prior to the start of construction, the project owner must submit a copy of the required ERC certificates to the CPM and the District.	30 days prior to start of construction	8/2/02	7/26/02	N/A
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit to the CPM for approval the qualifications of the CM at least 45 days prior to due date for diesel construction equipment.	45 days prior to rough grading	11/30/01	8/27/01	9/27/01
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit Construction Equipment Mitigation Plan.	30 days prior to rough grading	12/15/01	9/7/01	9/27/01
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit Report of Change to the CPM no later than 10 working days after use of equipment on site.	30 days prior to rough grading or construction of linear facilities.	10 days after use of equipment on site		
AQ-53	The heat input to the fire pump diesel engine shall not exceed 211 MM BTU totaled over any consecutive twelve month period.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Monthly Air Quality Reports			
AQ-54	The total hours of operation of the emergency generator shall not exceed 200 hours per calendar year, plus an additional 100 hours per calendar year for the purposes of maintenance and testing.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Monthly Air Quality Reports			
AQ-55	Install an oxidation catalyst to control VOC emissions.	As part of its final design plans, specifications, and drawings, submit to the District and the CPM for review and approval the final selection and design details of combustion equipment, including emission systems.	Submission of final design plans			
Public Health-1	Perform a visual inspection of the cooling tower drift eliminators once per calendar year. Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	Prior to initial operation		4/1/05	
Public Health-1	Perform a visual inspection of the cooling tower drift eliminators once per calendar year. Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	The project owner shall include the results of the annual inspection of the cooling tower drift eliminators and a description of any repairs performed in the next required compliance report.	Annual Compliance Report			

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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002						
START OF CONSTRUCTION	9/1/2002						
WORKER SAFETY 1	Project Construction Safety and Health Program, containing the following: A Construction Injury and Illness Prevention Program, A Construction Fire Protection and Prevention Plan, A Personal Protective Equipment Program.	Submit to the CPM a copy of the Project Construction Safety and Health Program and the Personal Protective Equipment Program, with a copy of the cover letter transmittal of the programs to Cal/OSHA.	30 days prior to start of construction	8/2/02	9/27/01(Bechle)	2/1/02(Bechle)	Resubmitted for Consultation OSHA Consultation completed 2/21/02. Submitted OSHA approval of Mortenson Plan 3/12/02.
WORKER SAFETY 1	Project Construction Safety and Health Program, containing the following: A Construction Injury and Illness Prevention Program, A Construction Fire Protection and Prevention Plan, A Personal Protective Equipment Program.	Submit to the CPM a letter from the San Jose Fire Department stating that they have reviewed and accepted the Construction Fire Protection and Prevention Plan.	30 days prior to start of construction	8/2/02	7/31/01	2/1/02	Response to Fire Dep't. comments submitted 4/9/02.
WORKER SAFETY 2	Project Operation Safety and Health Plan containing the following: Operation Injury and Illness Prevention Plan, Emergency Action Plan, Operation Fire Protection Plan, Personal Protective Equipment Program.	The Plan shall be submitted to the Cal/OSHA Consultation Service, for review and comment concerning compliance of fire program with all applicable Safety Orders	Start of Operation				
WORKER SAFETY 2	Project Operation Safety and Health Plan containing the following: Operation Injury and Illness Prevention Plan, Emergency Action Plan, Operation Fire Protection Plan, Personal Protective Equipment Program.	Submit to the CPM a copy of the final version of the Project Operation Safety & Health Program with a copy of the cover letter to Cal/OSHA's Consultation Service, and San Jose Fire Department comments stating that they have reviewed and accepted the specified elements of the Plan.	30 days prior to start of operation				
WORKER SAFETY 3	Reach an agreement with the San Jose Fire Dept. on the amount of fees and timing of payment they will provide to cover project-specific impacts associated with worker safety and fire protection.	Provide the CPM with a copy of an agreement with the City of San Jose Fire Department or shall provide an interim plan to address impacts until a permanent agreement can be reached.	60 days prior to ground disturbance	11/15/01	7/20/01	2/1/02	Complete
WORKER SAFETY 3	Reach an agreement with the San Jose Fire Dept. on the amount of fees and timing of payment they will provide to cover project-specific impacts associated with worker safety and fire protection.	If an agreement cannot be reached at least 60 days prior to construction, the project owner will inform the CPM and propose a plan to mitigate impacts on fire services.	60 days prior to ground disturbance	11/15/01	7/20/01	2/1/02	Complete
TLSN-1	The project owner shall construct the proposed transmission line according to the requirements of Section 2700 through 2974 of the California Code of Regulations and PG&E's EMF-reduction measures.	Submit to the CPM a letter affirming that the transmission line will be constructed according to the requirements.	30 days prior to start of construction of Transmission Line	5/30/04	8/31/04		
TLSN-2	Identify and correct any complaints of interference w/ radio and TV signals from operation of line and facilities.	All reports of line-related complaints shall be summarized and included for 5 years in the Annual Compliance Report	Annual Compliance Report				
TLSN-3	Engage a qualified consultant to measure the strengths of the line electric and magnetic fields in the project owner's 240-foot section before and after the 230 kV line is energized.	File copies of the pre-and post energization measurements with CPM. These measurements shall be completed within 6 months of the start of the operations.	60 days after completion of measurements	12/1/05			
TLSN-4	Ensure that the transmission line right-of-way is kept free of combustible material.	Provide a summary of inspection results and any fire prevention activities carried out along the ROW in the annual compliance report.	Annual Compliance Report				

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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
TSN-5	Ensure the grounding of any ungrounded permanent metallic objects within the right-of-way of the overhead section. Do not use any hazardous material in reportable quantities, not listed in Attachment 1 or in greater quantities or strengths than those identified unless approved in advance by Santa Clara County and the CPM.	Transmit to the CPM a letter confirming compliance with this Condition	30 days prior to energization of transmission line	10/1/04		
HAZ-1	Provide to the CPM and Santa Clara County, in the Annual Compliance Report, a list of hazardous materials contained at the facility in reportable quantities.	Provide to the CPM and Santa Clara County, in the Annual Compliance Report				
HAZ-2	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the EPA.	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the U.S. EPA.	60 days prior to delivery of Aqueous Ammonia	1/1/05		
HAZ-2	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the EPA.	Include all recommendations of Santa Clara County and the CPM in the final document. At least 60 days prior to the delivery of aqueous ammonia to the facility, provide the final approved plans listed above to the CPM.	60 days prior to delivery of Aqueous Ammonia	1/1/05		
HAZ-3	Develop and implement a safety management plan for delivery of ammonia.	Provide a safety management plan as described above to the CPM for review and approval.	60 days prior to delivery of Aqueous Ammonia			
HAZ-4	The aqueous ammonia storage facility shall be designed to either the ASME Pressure Vessel Code and ANSI K51.6 or to API 620.	Submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the County of Santa Clara and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of Aqueous Ammonia			In progress. Plan to submit in Sept/Oct 04.
HAZ-5	Provide a covered secondary containment basin to passively contain any spill during the delivery of aqueous ammonia to the storage facility.	Provide detailed design drawings and specifications for the secondary containment basin to the County of Santa Clara and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to construction of ammonia secondary containment			In progress. Engineers finalizing.
HAZ-6	The project owner shall require that the gas pipeline undergo a complete design review and detailed inspection every 30 years and each 5 years thereafter.	Provide a detailed plan to accomplish full and comprehensive pipeline design review in the future to the CPM for review and approval.	30 days prior to initial gas flow in pipeline	11/30/04		
HAZ-7	Prepare and implement a pipeline maintenance plan.	Provide a detailed plan to accomplish a full and comprehensive pipeline inspection in the event of an earthquake to the CPM for review and approval.	30 days prior to initial gas flow in pipeline	11/30/04		
HAZ-8	The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM.	At least sixty (60) days prior to receipt of any hazardous materials on site, the project owner shall submit copies of the required transportation route limitation to the County of Santa Clara and City of San Jose for review and comment, and to the CPM for review and approval	60 days prior to delivery of hazardous materials			

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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002						
START OF CONSTRUCTION	9/1/2002						
HAZ-9	The natural gas pipeline shall be designed to meet CPUC General Order 112-D and 58 A standards, or any successor standards, and will be designed to meet Class III service. Design and operate the facility to ensure that no fuels or lubricants are permanently or temporarily stored within 100 feet of the sulfuric acid tank.	Submit design and operation specifications to the CPM for review and approval.	Prior to initial gas flow in pipeline showing the location of the sulfuric acid storage tank and the route for transport.	6/1/04	6/7/04	6/7/04	Complete
HAZ-10	The project owner shall direct all vendors delivering aqueous ammonia to the site to use only transport vehicles which meet or exceed the specifications of the DOT MC-307 tanker trucks.	Provide copies of the facility design drawings indicating the location of the sulfuric acid storage tank and the route for transport.	60 days prior to delivery of Sulfuric Acid				
HAZ-11	Design, construct, and operate the project in conformance with all applicable laws, ordinances, regulations, and standards pertaining to the transport, storage, and handling of hazardous materials.	Submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	60 days prior to receipt of aqueous ammonia on site				
HAZ-12	Obtain a Hazardous Waste Generator Identification Number from the Department of Toxic Substances Control prior to generating any hazardous waste.	Submit final design drawings and specifications for all hazardous material storage areas and equipment to Santa Clara County and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of Hazardous Materials				
WASTE-1	The project owner shall obtain a Hazardous Waste Generator Identification Number from the Department of Toxic Substances Control prior to generating any hazardous waste. (Operation).	Keep its copy of the identification number on file at the project site and notify the CPM via the monthly compliance report of its receipt.	Notify via a Monthly Compliance Report	12/14/02	12/14/02	N/A	Complete
WASTE-1	Upon becoming aware of any impending enforcement action, notify the CPM in writing within 10 days of becoming aware of an impending enforcement action.	Keep copies of the ID number and permit on file and notify the CPM via the monthly compliance report of their receipt - (operation)	Notify via a Monthly Compliance Report				
WASTE-2	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action.	Within 10 days of becoming aware of an impending enforcement action.				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submit the construction waste management plan to the CPM for review.	60 days prior to start of construction	7/3/02	6/12/01, 2/24/03, 5/23/03 (linears)	7/27/01, 3/7/03, 5/25/03 (linears)	Complete for site and linears.
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submit any required revisions within 30 days of notification by the CPM (or mutually agreed upon date).	Revise within 30 days of notification by CPM				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	The operation waste management plan shall be submitted no less than 60 days prior to the start of project operation.	60 days prior to start of operation				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	The project owner shall submit any required revisions within 30 days of notification by the CPM (or mutually agreed upon date).	Revise within 30 days of notification by CPM				

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	In the Annual Compliance Reports, document the actual waste management methods used during the year compared to planned management methods.	Annual Compliance Report			
WASTE-4	Have a registered PE available for consultation during soil excavation and grading activities.	Submit the qualifications and experience of the Registered Professional Engineer or Geologist to the CPM for approval.	30 days prior to ground disturbing activity	12/15/01	8/1/2001, 3/12/03	Complete
WASTE-5	If potentially contaminated soil is unearthed during excavation the environmental professional shall inspect the site.	Notify the CPM in writing within 5 days of any reports filed by the environmental professional.	Within 5 days of filing reports	1/23/04	1/23/2004, 2/25/2004	Submitted
WASTE-5	If potentially contaminated soil is unearthed during excavation the environmental professional shall inspect the site.	If significant remediation may be required, contact representatives of the Santa Clara County and Dept of Toxic Substances Control. Notify the CPM in writing within 5 days of any reports filed.	Within 5 days of filing reports			
WASTE-6	Obtain a Hazardous Material Clearance Form from the Santa Clara County Hazardous Materials Compliance Division.	Provide an approved copy of the Hazardous Material Clearance Form to the CPM.	Prior to the start of construction	3/20/02	3/20/02	Complete
WASTE-7	The project owner shall perform additional limited investigations to fully characterize the site.	Prior to the start of construction, submit analytical results of the additional sampling to the CPM as a ESA Addendum.	Prior to the start of construction	2/21/02	2/21/02	N/A
WASTE-8	All site debris shall be removed from the site after owner has control of the site.	Notify the CPM in writing within ten days of removal of site debris.	Within 10 days after removal of site debris.	9/10/01	10/2/01	Complete
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	In the Monthly Compliance Reports provide updates on trail developments in the area around the site.	Monthly Compliance Report			
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Submit to the City of San Jose Departments of Planning and Public Works for review of the trail design and maintenance plan.	Start of Construction of Trail			
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Prior to the start of a trail at the MEC trail could be connected to, submit designs and the maintenance plan to the CPM.	180 days prior to start of construction of trail			
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Notify the CPM that the trail segment has been completed and is ready for inspection.	Within 7 days after completion of trail segment			
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	In the Annual Compliance Reports provide updates on trail developments in the area around the site.	Annual Compliance Report			
LAND-2	Landscape the parking area consistent with the "Orchard Planting" Guidelines of the North Coyote Valley Campus Industrial Area Master Development Plan.	Submit to the City of San Jose for review and comment and to the CPM for approval a revised landscape plan	30 days prior to start of construction	8/2/02	8/7/02	Complete
LAND-2	The project owner shall landscape the parking area consistent with the "Orchard Planting" Guidelines of the North Coyote Valley Campus Industrial Area Master Development Plan.	Notify the CPM that the work has been completed and is ready for inspection.	7 days after completion of landscaping			
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Submit the final design plans to the CPM for approval.	60 days prior to start of construction	7/30/02	12/10/2001 3/28/02	Complete

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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements.	Submit the final design plans to the San Jose review and comment.	60 days prior to start of construction	7/30/02	9/20/2001 3/12/02	N/A (City of San Jose)
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements.	Notify the CPM that the boundaries are ready for inspection.	Prior to construction of specified facilities and structures			Complete
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements.	Notify the CPM that the facilities and structures are completed and are ready for inspection.	7 days after completion of specified facilities and structures			
LAND-4	Ensure that any project directional signs, identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Submit to the CPM for approval a site plan that demonstrates that the project complies with the "Entry Identification" guidelines.	90 days prior to commercial operation			
LAND-4	Ensure that any project directional signs, identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Submit to the City of San Jose for review and comment a site plan.	90 days prior to commercial operation			
LAND-4	Ensure that any project directional signs, identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Notify the CPM that these requirements have been satisfied and are ready for inspection.	Commercial Operation			
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Submit to the CPM a recorded copy of the Agreement.	90 days prior to start of construction	6/3/02	6/12/01	9/14/01
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Submit a landscape plan to the CPM for review and approval and the City of San Jose for review and comment.	Within sixty (60) days of sale of the Passantino property			
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Notify the CPM that the landscaping has been completed and is ready for inspection.	7 days after completion of landscaping			
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Notify the CPM that the protective measures stated above will be applied prior to the delivery of any construction materials.	30 days prior to delivery of construction materials	9/19/01	9/19/01	9/21/01
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Submit photographic evidence of the application.	7 days after completion of protective measures	3/14/02	3/14/02 5/10/2002 9/23/03 10/21/03	7/8/02
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Notify the CPM that the agricultural field used as the laydown area has been tilled and shall submit photographs of the tilled field.	30 days prior to commercial operation	5/1/05		
LAND-7	Ensure that any additional construction laydown areas needed along all pipeline routes are located within existing paved or gravel areas.	Submit a detailed map showing the location of any planned laydown areas along the pipeline routes and photographs of the areas.	60 days prior to construction of pipelines		3/31/04	N/A
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit the plan to the Santa Clara County Parks and Recreation Department for review and obtain licenses and easements.	Prior to submittal to CPM		5/5/04	N/A
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit to the CPM a copy of all licenses and easements secured from Santa Clara County and submit to the CPM a plan that describes how construction activities will be timed to avoid permitted park events.	30 days prior to construction of gas pipeline	4/15/04	4/15/04	N/A

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit to the CPM an update of planned construction dates for the following week and a schedule of planned park events.	Weekly gas pipeline report		Submitted 5/5/04 to 6/28/04.	N/A Complete
LAND-9	Route the water supply and wastewater discharge pipelines through open agricultural areas to avoid the direct loss of orchard trees.	Submit to the CPM for review and approval a site plan that shows the precise alignment of the pipelines in relation to existing orchard trees.	60 days prior to construction of water supply and waste water pipelines	7/1/03	5/23/03	6/16/03 Complete
LAND-9	Route the water supply and wastewater discharge pipelines through open agricultural areas to avoid the direct loss of orchard trees.	Notify the CPM that stakes have been installed and the route is ready for inspection.	7 days prior to ground disturbing activities related to pipeline construction	4/1/04	4/7/04	N/A Complete
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Submit a description of the procedure to minimize alteration of original soil stratigraphy.	30 days prior to ground disturbing activities related to pipeline construction		9/9/03	N/A Complete
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Notify the CPM of the schedule for trenching.	7 days prior to trenching for pipeline		9/9/03	N/A Complete
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Submit photographs to the CPM that demonstrates that the topsoil has been kept separate from the subsoil.	7 days after start of trenching for pipeline		9/9/03	N/A Complete
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Notify the CPM of the schedule for backfilling.	7 days prior to backfilling trenches		9/9/03	N/A Complete
LAND-11	The heat recovery steam generator stacks shall be limited to 145 feet above grade.	Submit the final design specifications to the CPM for review and approval.	60 days prior to start of construction	7/30/02	9/20/01	10/17/01 Complete
TRANS-1	Comply with Caltrans and Santa Clara County limitation on vehicle sizes and weights.	Provide the number of any oversize and overweight transportation permits received during that reporting period.	Monthly Compliance Report			On-going
TRANS-2	Comply with Caltrans and County limitations for encroachment into public rights-of-way and shall obtain necessary encroachment permits.	Submit copies of any encroachment permits received during that reporting period in the Monthly Compliance Report.	Monthly Compliance Report		5/14/02	Caltrans encroachment permit for gas pipeline submitted in April Report.
TRANS-3	Ensure that all federal and state regulations for the transport of hazardous materials are observed.	Copies of all permits and licenses acquired concerning the transport of hazardous substances.	Monthly Compliance Report			
TRANS-4	The project owner shall enter into a Crossing Agreement with UPRR.	If the permanent crossing warning equipment is not in place submit a traffic plan for the crossing to UPRR for review.	60 days prior to site preparation	11/15/01	8/16/01	8/16/01 Complete
TRANS-4	The project owner shall enter into a Crossing Agreement with UPRR.	Submit the executed Crossing Agreement to the CPM for approval.	60 days prior to site preparation	11/15/01	8/16/01	8/16/01 Complete
TRANS-4	Install railroad grade crossing warning equipment at the RR crossing for Blanchard Road.	Inform the CPM when the final grade crossing warning equipment is ready for inspection.	Installation of final grade crossing equipment	3/4/02	3/4/02	N/A Complete
TRANS-5	Consult with Santa Clara Co., San Jose, and Caltrans & prepare a Const. Traffic Control Plan and implementation program.	Provide to Santa Clara County, City of San Jose, and Caltrans, and to the CPM, a copy of construction traffic control plan and implementation program.	30 days prior to start of site preparation	10/22/01	10/24/2001, 5/23/03 (linears), 5/5/04 (gas line)	10/24/2001, 7/7/03 (linears) Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING		1/14/2002				
START OF CONSTRUCTION		9/1/2002				
TRANS-6	Repair roadways to original or as near original condition as possible. Refer to TRANS-6 for further details	Photograph, videotape, or digitally record Monterey Rd. between Metcalf Rd. and Blanchard Rd. Provide the CPM, Santa Clara County and Caltrans with a copy of these images.	Prior to start of site preparation	11/15/01	8/9/01	8/13/01 Complete
TRANS-6	Repair roadways to original or as near original condition as possible. Refer to TRANS-6 for further details	Photograph, videotape, or digitally record Monterey Rd. between Metcalf Rd. and Blanchard Rd. Provide the CPM, Santa Clara County and Caltrans with a copy of these images.	Start of ground disturbing activities related to pipeline construction	3/30/04	3/3/04 (gas line) 3/4/04 (sewer line)	N/A Complete
TRANS-6	Following completion of construction of the power plant and all related facilities, the project owner shall repair roadways to original or as near original condition as possible.	Notify Caltrans about the schedule for project construction.	60 days prior to site preparation	11/15/01	8/9/01	8/13/01 Complete
TRANS-6	Following completion of construction of the power plant and all related facilities, the project owner shall repair roadways to original or as near original condition as possible.	Meet with the CPM, Santa Clara County, the City of San Jose and Caltrans to determine actions necessary for repair of roadways.	30 days after completion of project construction	7/1/05		
TRANS-6	Prepare and submit a parking and staging plan for all phases of project construction.	Submit the parking and staging plan to the City of San Jose and Santa Clara County for review and comment, and to the CPM for approval.	60 days prior to start of site preparation	10/2/01	10/2/2001, 12/9/02, 5/23/03 (linears), 5/5/04 (gas line)	10/24/2001, 7/7/03 (linears) Complete for site. Complete for linears. Submitted for gas line.
TRANS-8	Prior to the start of commercial operation of MEC, the project owner shall complete a two-lane secondary access connection.	Contact the City regarding the status of the off-site portion of the Santa Teresa Boulevard connection and inform the CPM.	12 months prior to commercial operation	5/3/04	6/28/04	N/A Complete
TRANS-8	Prior to the start of commercial operation of MEC, the project owner shall complete a two-lane secondary access connection.	Notify the City and CPM that the portion of the Santa Teresa Boulevard connection constructed by MEC is ready for inspection.	60 days prior to commercial operation	3/31/05		
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	Notify residents and establish/post telephone number	15 days prior to start of rough grading	12/30/01	10/3/01	N/A Complete
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	A statement signed by the project manager attesting that the above notification has been performed.	Following the Start of Rough Grading	2/14/02	2/14/02	N/A Complete
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	A statement signed attesting that notification was sent to all residents within a 1-mile radius of the project.	15 days prior to the commencement of steam blow activity	12/1/04		
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	Transmit a statement signed by the project manager attesting that notification was sent to all residents within a one-mile radius of the project.	Following the Steam Blow activity	1/1/05		
NOISE-2	Throughout the construction and operation, document, investigate, evaluate and attempt to resolve all project related noise complaints.	File a copy of the Noise Complaint Resolution Form with City of San Jose and with the CPM documenting the resolution of the complaint.	30 days after receiving a noise complaint			
NOISE-3	Submit to the CPM for review a Noise Control Program.	Submit to the CPM the above referenced program.	30 days prior to Rough Grading	12/15/01	6/12/01	7/27/01 Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
NOISE-4	If a traditional high-pressure steam blow process is employed, equip steam blow piping with a temporary silencer.	Submit to the CPM drawings describing the temporary steam blow silencer, and a description of the steam blow schedule.	15 days prior to first Steam Blow	12/1/04		
NOISE-5	Conduct a 25-hour Community Noise Survey when first achieving an output of 80 percent of rated capacity.	Submit a summary report of the survey to City of San Jose and the CPM.	Within 30 days after completing survey			
NOISE-5	Conduct a 25-hour Community Noise Survey when first achieving an output of 80 percent of rated capacity.	Submit to the CPM a summary report of a new noise survey.	Within 30 days of completion of installation of these measures			
NOISE-6	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in days after the facility is operating at an output of 80% of rated capacity or greater.	The survey shall be conducted within thirty (30) days after the facility is operating at an output of 80% of rated capacity or greater.	Thirty days after the facility is operating at an output of 80%			
NOISE-6	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	Submit the noise survey report to the CPM. The project owner shall also submit the report to OSHA upon request.	Within 30 days after completing the survey			
NOISE-6	Construction shall be restricted to the hours of: 7 a.m. to 7 p.m. on weekdays and from 8 a.m. to 6 p.m. on weekends and holidays.	Transmit a statement certifying that the above restrictions will be observed throughout the construction of the project.	First Monthly Compliance Report	1/15/02	1/15/02	N/A Complete
NOISE-7	The project owner shall implement typical noise source reduction measures such as silencers and acoustical enclosures for HDD.	Submit a plan for approval to the CPM to implement noise reduction measures for HDD.	30 days prior to commencing HDD.	5/1/04	3/23/04	N/A Complete
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	Submit proposed plan to the CPM for review and approval.	60 days prior to ordering first equipment that is color treated	8/1/02	8/1/02	1/14/04 Submitted for cooling tower color only. Comments received 8/28/02.
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	If the CPM notifies the project owner that any revisions of the plan are needed, shall submit to the CPM a revised plan.	Within 30 days of receiving notification	9/28/02	10/9/03	1/14/04 Comments received 8/28/02. Will re-submit with VIS-9 submittal. See VIS-9 below.
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	Notify the CPM that all structures treated during manufacture and all structures treated in the field are ready for inspection.	Not less than thirty (30) days prior to the start of commercial operation	5/1/05		
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.	Annual Compliance Report			
VIS-2	Any fencing for the project shall be non-reflective.	Submit the specifications to the CPM for review and approval.	At least 30 days prior to ordering the non-reflective fencing	6/1/04		
VIS-2	Any fencing for the project shall be non-reflective.	If the CPM notifies the project owner that revisions of the submittal are needed the project owner shall prepare and submit a revised submittal.	Within 30 days of receiving notification			
VIS-2	Any fencing for the project shall be non-reflective.	Notify the CPM that the fencing is ready for inspection.	Within 7 days after completing installation of the fencing			
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	Provide the lighting plan to the CPM for review and approval and to the City of San Jose for review and comment.	Ninety (90) days before ordering the exterior lighting.	5/3/03	5/29/03 (switchyard)	Submitted, comments received 5/29/03. Complete for switchyard.
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	If the CPM notifies the project owner that any revisions of the plan are needed, shall submit to the CPM a revised plan.	Within 30 days of receiving notification	6/30/03	6/24/03	Submitted

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002	START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments			
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	Notify the CPM that the lighting is ready for inspection.	Within seven (7) days of completing exterior lighting installation							
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	Submit the plan to the CPM for review and approval and to the City of San Jose or Santa Clara County for review and comment.	At least sixty days prior to beginning implementation of the surface restoration	4/7/04			Submitted			
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	If the CPM notifies the project owner that revisions of the submittal are needed, shall prepare and submit to the CPM a revised submittal.	Within 30 days of receiving notification							
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	Notify the CPM after completing the surface restoration that it is ready for inspection.	Within seven days after completing the surface restoration							
Temporary Aesthetic Screen		Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the City of San Jose for review and comment.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	N/A (City of San Jose)	Submitted. Comments received from SJ incorporated prior to submittal.		
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the CPM for review and approval.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	2/15/02 (Aesthetic screen)	Complete for temporary.	Complete for temporary.		
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of receiving notification		2/12/02	2/12/02	2/15/02	Complete for temporary.		
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	The temporary and long-term aesthetic screening installations are ready for inspection.	Within seven days after implementing the proposed plan		7/6/2002 (temporary screen)	7/1/2002 (temporary screen)	Submitted for temporary.			
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Submit proposed plans to the City of San Jose for review and comment and CPM for review and approval.	At least ninety (90) days before intended removal of the temporary aesthetic screen							
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of notification							

METCALF ENERGY CENTER • COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Notify the CPM that the temporary aesthetic screening removal is ready for inspection.	Within seven days after implementing the proposed plan			
Long-term screen (Monterey Road Landscaping)	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the City of San Jose for review and comment.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	N/A (City of San Jose) Complete
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the CPM for review and approval.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01, 12/18/01, 8/11/03	10/17/03 Complete
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of receiving notification	8/30/02	10/9/03	10/17/03 Complete
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area re: screening of truck loading docks and storage and service areas.	Submit the plan to the CPM for review and approval and to the City of San Jose for review and comment.	At least sixty (60) days prior to installing the screening	5/1/04	3/16/04	Submitted
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area re: screening of truck loading docks and storage and service areas.	Submit any required revisions	Within 30 days of notification			
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area re: screening of truck loading docks and storage and service areas.	The project owner shall notify the CPM when ready for inspection	Within seven days after completing installation of the screening			
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit the proposed aesthetic landscape screening plan to the City of San Jose and County of Santa Clara Parks and Recreation Department for review and comment.	90 days prior to start of construction	6/3/02	6/12/2001, 5/7/2003	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit the proposed aesthetic landscape screening plan to the CPM for review and approval.	90 days prior to start of construction	6/3/02	6/12/2001, 5/7/2003	Submitted. Received comments 6/11/03.
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit any required revisions.	Within thirty (30) days of notification by the CPM.	7/1/03	6/17/03	Complete
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Notify the CPM in writing that the aesthetic landscape screening installation is ready for inspection.	Within seven (7) days after completing the implementation of the proposed plan.	9/1/04		
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit detailed design specifications for the gas metering station to the County of Santa Clara Parks and Recreation Department for review and comment.	At least sixty (60) days before the beginning of construction of the gas metering station	2/1/04	6/23/04	Submitted
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit detailed design specifications for the gas metering station to the CPM for review and approval.	At least sixty (60) days before the beginning of construction of the gas metering station	2/1/04	6/23/04	Submitted
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit any required revisions.	Required revision within 30 days of notification by CPM.	2/1/04	6/23/04	Submitted
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Notify the CPM that the aesthetic treatment and landscape screening installation is ready for inspection.	Within seven (7) days after implementing the proposed plan			
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit the proposed architectural design treatment plan to the City of San Jose for review and comment.	At least sixty (60) days prior to the start of architectural treatment	9/25/03	1/14/04	Complete. Resubmitted to CSJ on 9/25/03.
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit the proposed architectural design treatment plan to the CPM for review and approval.	At least sixty (60) days prior to the start of architectural treatment	10/2/02	1/14/04	Submitted. Comments received 10/31/02.
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit any required revisions.	Within thirty (30) days of notification by the CPM	11/30/02	11/25/02	Submitted. Received comments 2/10/03.
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Notify the CPM in writing that all structures are ready for inspection.	Within thirty (30) days of notification by the CPM	3/10/03	10/9/03	Responded to CEC staff comments on 12/19/03. Complete.
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.		Thirty (30) days prior to the start of commercial operation	5/1/05		
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	Submit the proposed plume abatement plan to the City of San Jose for review and comment.	At least sixty (60) days prior to the start of construction	7/3/02	9/6/01	N/A
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	Submit the proposed plume abatement plan to the CPM for review and approval.	At least sixty (60) days prior to the start of construction	7/3/02	9/5/01	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX

START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	The project owner shall submit any required revisions.	Within 30 days of notification by the CPM.	9/24/02, 11/6/02, 2/21/03, 5/27/03, 6/6/03, 6/24/03	6/27/03	6/27/03	Complete
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	The project owner shall submit to the City of San Jose and the County of Santa Clara Parks and Recreation Department for review and comment a specific plan.	Start of construction of the trail between Blanchard Road and railroad tracks				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit to the CPM for review and approval a specific plan describing its landscape plan.	Start of construction of the trail between Blanchard Road and railroad tracks				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit any required revisions.	Within 30 days of notification by the CPM.				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Notify the CPM, City of San Jose and County of Santa Clara Parks and Recreation Department that the planting installation is ready for inspection.	7 days after completion of planting installation				
VIS-12	Contact the owners of property along Blanchard Road and develop a plan to screen views of the project from each property if so desired by a property owner.	Provide to the CPM a report on the landscaping/screening plan.	15 days prior to project construction	8/17/02	7/30/02	9/24/02	Complete
VIS-12	Contact the owners of property along Blanchard Road and develop a plan to screen views of the project from each property if so desired by a property owner.	Notify the CPM when any measures are ready for inspection.	Measures are ready for inspection				
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Submit name and qualifications.	90 days prior to site preparation	10/16/01	7/26/01	7/27/01	Complete
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Confirm in writing to the CPM that the approved designated cultural resource specialist will be available at the start of construction.	At least 10 days but no more than 30 days prior to the start of earth disturbing activities	12/15/01	7/26/01	9/25/01	Complete
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Obtain CPM approval of the replacement specialist.	10 days prior to termination of Cultural Specialist				
CUL-2	Provide the designated cultural resource specialist and the CPM with maps and drawings showing the footprint of the power plant and all near facilities.	Provide the designated cultural resource specialist and the CPM with the maps and drawings.	75 days prior to the start of earth disturbing activities	10/31/01	9/20/01	11/1/01	Complete
CUL-3	CRS shall prepare, and the owner shall submit to the CPM for review and written approval, a CRMMP.	Submit the Cultural Resources Monitoring and Mitigation Plan.	60 days prior to project site preparation	1/15/01	6/12/2001	8/4/03	Submitted revisions
CUL-4	WEAT for cultural resources	Submit to the CPM for review and written approval, the proposed WEAT.	60 days prior to the start of construction on the project	1/15/01	9/20/01	12/5/01	Complete
CUL-5	WEAT to all project managers, all construction supervisors, and those workers who operate ground disturbing equipment.	Provide the CPM with documentation that WEAT was administered.	7 days after start of construction	1/21/02	9/29/01	1/29/02	Complete
CUL-5	WEAT to all project managers, all construction supervisors, and those workers who operate ground disturbing equipment.	Provide the CPM with documentation that WEAT was administered.	Monthly Compliance Report				In progress

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
CUL-6	CRS or monitor shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered.	Provide the CPM with a letter confirming CUL-6.	30 days prior to site preparation	12/15/01	7/20/01	8/6/01 Complete
CUL-6	CRS or monitor shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered.	For any cultural resource encountered, the project owner shall notify the CPM within 24 hours.	Within 24 hours of cultural resource discovery			Ongoing
CUL-7	Provide the designated cultural resource specialist with a current schedule of anticipated project activity in the following month and a map.	Provide the CPM with a copy of each weekly schedule of the construction activities.	10 days prior to site preparation			
CUL-7	Provide the designated cultural resource specialist with a current schedule of anticipated project activity in the following month and a map.	Provide the CPM with a copy of each weekly schedule of the construction activities.	Monthly Compliance Report	1/14/02	9/28/01	1/14/02 Complete
CUL-8	CRS/monitor keep a daily log of any resource finds and the progress or status of the resource monitoring, mitigation, preparation, identification, and analytical work being conducted for the project.	Copies of the weekly summary reports shall be submitted to the CPM in the Monthly Compliance Report.	Monthly Compliance Report			In progress
CUL-9	Except in the areas specified in CUL-3(I), the designated cultural resource specialist or delegated monitor(s) shall be present at times the specialist deems appropriate.	Copies of the weekly summary reports prepared by the designated cultural resource specialist regarding project-related cultural resource monitoring.	Monthly Compliance Report			In progress
CUL-10	Obtain ground disturbance or cultural resource excavation permits from Caltrans and/or the U.S. Army Corps of Engineers.	Submit a copy of any permit addressing data recovery excavation.	Monthly Compliance Report			
CUL-10	Obtain ground disturbance or cultural resource excavation permits from Caltrans and/or the U.S. Army Corps of Engineers.	Provide written documentation to the permitting agency of compliance with any mitigation measures.	Completion of mitigation activity		3/14/03	NA Complete
CUL-11	Ensure that the CRS performs the recovery, etc. of all cultural resource materials encountered and collected.	Maintain in its compliance files, copies of signed contracts or agreements with the museum(s), university(ies), or other appropriate research specialists.	Periodic Audit by the CPM			
CUL-12	Prepare a scope of work for Cultural Resources Report following completion of data recovery and site mitigation work.	Submit it to the CPM for review and written approval.	7 days after completion of the proposed scope of work.			
CUL-12	Prepare a scope of work for Cultural Resources Report following completion of data recovery and site mitigation work.	Ensure that the designated cultural resources specialist prepares the proposed scope of work.	Completion of Data Recovery per CUL-12			
CUL-13	Prepare a Cultural Resources Report as described in CUL-13. Submit the report to the CPM for review and written approval.	Ensure that the designated cultural resource specialist completes the Cultural Resources Report.	Within 90 days following completion of the data recovery and site mitigation work			
CUL-13	Prepare a Cultural Resources Report as described in CUL-13.	Submit the Cultural Resources Report to the CPM for review and written approval.	Within seven (7) days after completion of the report			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPW/CBO	Date approved by CPW/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
CUL-14	Submit an original, an original-quality copy, and a computer disc copy, of the CPW-approved Cultural Resource Report to the public repository to receive the recovered data and materials for curation, with copies to the State Historic Preservation Officer (SHPO), the appropriate regional archaeological information center(s), and a person employed by the City of San Jose who is authorized to receive confidential cultural resources information.	Provide to the CPW documentation that the report has been sent to the public repository receiving the recovered data and materials for curation, the SHPO and the appropriate archaeological information center(s), and the City of San Jose, to a person authorized to receive confidential cultural resources information.	Within thirty (30) days after receiving approval of the Cultural Resources Report			
CUL-15	Ensure that all cultural resource materials, maps, and data collected during data recovery and mitigation for the project are delivered to a public repository.	Ensure that all recovered cultural resource materials are delivered for curation. For the life of the project, maintain copies of signed contracts or agreements with the public repository.	Within thirty (30) days after providing the CPW-approved Cultural Resource Report to the entities			
CUL-16	Consult with Ohlone/Costanoan Native American tribal representatives to develop an agreement(s) for qualified monitor(s).	Provide the CPW with a copy of all finalized agreements for Native American (Ohlone/Costanoan) monitor(s). Reports addressing the results of the presence/absence testing shall be included in the Monthly Compliance Report.	30 days prior to site preparation	12/15/01	8/8/2001 9/4/2003	8/15/2001 9/16/2003
CUL-17	Presence/absence testing shall be conducted in the vicinity of the natural gas pipeline route or PG&E metering station.	Provide the CPW with information authored by the CRS identifying the area of initial site mobilization.	Monthly Compliance Report		6/14/04	NA
CUL-18	Comply with Cui-1, Cui-4 and Cui-5. Comply with Cui-2 and Cui-3 for the entire project. CRS shall examine the area of initial project site mobilization.	7 days prior to site mobilization		1/7/02	10/2/01	12/15/01
CUL-19	If the potable water wells and associated pipelines are to be located anywhere but in an area defined as part of the proposed project then a cultural resource assessment shall be required.	Submit the results of the records search and the results of the survey.	90 days prior to start of construction of wells	10/1/03	7/1/2003 9/9/2003	3/8/04
SOCIO-1	The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the City of San Jose and Santa Clara County.	Submit copies of contractor, subcontractor, and vendor solicitations and guidelines stating hiring and procurement requirements and procedures.	60 days prior to site preparation	11/15/01	7/20/01	8/8/01
SOCIO-1	The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the City of San Jose and Santa Clara County.	Notify the CPW the reasons for any planned procurement of materials or hiring outside the local regional area that will occur during the next two months.	Monthly Compliance Report			In progress
SOCIO-2	Pay the one-time statutory school facility development fee as required at the time of filing.	Pay the statutory school facility development fee as required at the time of filing.	At Time of Filing			
SOCIO-2	Pay the one-time statutory school facility development fee as required at the time of filing.	Provide proof of payment of the statutory development fee.	Monthly Compliance Report after fees are paid			
BIO-1	Construction site and/or ancillary facilities preparation shall not begin until an approved Designated Biologist is available to be on site.	Submit name, qualifications, address and telephone number of the individual selected.	60 days prior to start of ground disturbance	11/15/01	7/23/01	7/27/01

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	Construction site and/or ancillary facilities preparation shall not begin until an approved Designated Biologist is available to be on site.	If the CPM determines the proposed Designated Biologist to be unacceptable, submit another individual's name and qualifications for consideration.	Notification by CPM that proposed Designated Biologist is unacceptable			
START OF CONSTRUCTION	The CPM approved Designated Biologist shall perform the following during project construction and operation: see BIO-2 for detailed tasks.	Submit monthly records of the tasks described.	Monthly Compliance Report			In progress
BIO-1	The CPM approved Designated Biologist shall perform the following during project construction and operation: see BIO-2 for detailed tasks.	Submit record summaries in the Annual Compliance Report.	Annual Compliance Report			
BIO-2	Act on the advice of the Designated Biologist to ensure conformance with the Biological Resources Conditions of Certification and shall halt all construction activities, if necessary.	Notify the CPM by telephone of the circumstances and actions being taken to resolve the problem or the non-compliance with a condition.	Within 2 working days of notification of non-compliance			
BIO-3	Submittal to the CPM for review and approval a copy of the final BRMIMP and shall implement the measures identified in the plan.	Provide the CPM with the final version of the BRMIMP.	45 days prior to start of ground disturbance	11/30/01	7/23/01	Complete
BIO-4	Submit to the CPM for review and approval a copy of the final BRMIMP and shall implement the measures identified in the plan.	Provide to the CPM for review and approval a written report identifying which items of the BRMIMP have been completed.	30 days after construction complete			
BIO-5	Develop the riparian corridor planting plan for inclusion into the BRMIMP.	Provide to the CPM for review and approval the riparian restoration plan.	45 days prior to ground disturbance	11/30/01	7/23/01	Complete
BIO-6	Develop WEAT for biological resources.	State in the Monthly Compliance Report the number of persons who have completed the training in the prior month.	Monthly Compliance Report			In progress
BIO-6	Develop WEAT for biological resources.	Provide copies of the WEAT and the name and qualifications of the person(s) administering the program.	60 days prior to start of rough grading	11/15/01	9/20/01	Complete
BIO-7	Acquire a SAA from CDFG.	Submit to the CPM a copy of the final CDFG Streambed Alteration Agreement.	30 days prior to the start of any streambed alteration disturbances	9/30/02 (outfall) 6/5/03 (gas line)	N/A	Complete. Copies of extensions submitted 2/24/04 and 3/9/04.
BIO-8	Provide a final copy of the U.S. Fish and Wildlife Service Biological Opinion.	Submit to the CPM a copy of the USFWS Biological Opinion.	45 days prior to the start of ground disturbance	11/30/01	7/23/01	Complete
BIO-9	Provide a final copy of the Nationwide No. 7 Permit.	Submit to the CPM a copy of the Nationwide No. 7 Permit.	30 days prior to the start of any streambed alteration	8/1/02	8/14/02	Complete
BIO-10	Provide 116 acres of land on Tulare Hill and 15 acres of land on Coyote Ridge, the name of the entity that will be managing the land in perpetuity, and the endowment funds.	Provide to the CPM for approval, the name of the management entity, written verification that the compensation lands have been purchased and written verification that the appropriate endowment fund has been received.	Within one week of commencing ground disturbance activities	1/21/02	2/26/02	N/A
BIO-11	Develop a suitable final habitat management and monitoring plan for lands purchased on Tulare Hill and Coyote Ridge.	Provide the CPM with the final approved version of the management plan. Incorporate into the BRMIMP.	60 days prior to start of ground disturbance	11/15/01	6/25/01	Complete
BIO-12	Incorporate into closure plan measures that address the local biological resources and incorporate into the BRMIMP.	Address all biological resource-related issues associated with facility closure.	12 months prior to facility closure			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING						
START OF CONSTRUCTION						
BIO-13	Comply with BIO-1, BIO-2, and BIO-10 and complete BIO-6. Examine the area and ensure no special status species are present.	Provide the CPM with the location, date(s), methods(s), and results of the pre-examination.	10 days prior to mobilization	1/4/02	9/28/01	10/17/01
SOIL & WATER-1	Disinfected, treated/recycled water will be used at the Metcalf Energy Center for cooling purposes and other appropriate non-potable uses.	Provide CPM with a copy of a valid Recycled Water use permit from the City of San Jose.	Construction complete			Complete
SOIL & WATER-1	Potable water may be used for cooling purposes only in the event that SBWR recycled water service is interrupted.	Provide a record of water consumption for the MEC.	Monthly Compliance Report			In progress for construction
SOIL & WATER-1	Potable water may be used for cooling purposes only in the event that SBWR recycled water service is interrupted.	Provide a record of water consumption for the MEC.	Annual Compliance Report			
SOIL & WATER-1	Provide a firm commitment for its construction water supply.	Submit commitment to CPM.	30 days prior to the start of construction	8/20/02	12/5/01	12/28/01
SOIL & WATER-2	Storm Water Pollution Prevention Plan (SWPPP) for construction.	Submit a copy of the SWPPP to the CPM for review and approval.	30 days prior to start of ground disturbance	12/15/01	8/31/01, 2/24/2004, (linear), 4/29/04 (gas line)	10/18/01
SOIL & WATER-2	Storm Water Pollution Prevention Plan (SWPPP) for construction.	Approval of the plan by the CPM must be received prior to the initiation of any clearing, grading or excavation activities.	Start of ground disturbance	1/14/02	8/31/01, 2/24/2004, (linear), 4/29/04 (gas line)	10/18/01
SOIL & WATER-3	Final erosion control and revegetation plan that addresses all project elements.	Approval of the final plan by the CPM must be received prior to the initiation of any clearing, grading or excavation activities.	Start of ground disturbance	1/14/02	8/31/01, 2/24/2004, (linear), 4/29/04 (gas line)	10/18/01
SOIL & WATER-4	Obtain SCVWD approval for all activities within floodways or upon or within the banks of watercourses.	Obtain SCVWD approval.	30 days prior to ground disturbance	12/15/01	8/31/01, 1/2/02, 12/2/02, 2/1/03, 7/2/03	12/25/02
SOIL & WATER-5	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP) as required under the General Industrial Activity Storm Water Permit.	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP).	60 days prior to commercial operation	4/1/05		
SOIL & WATER-5	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP) as required under the General Industrial Activity Storm Water Permit.	Submit a copy of the Storm Water Pollution Prevention Plan (SWPPP).	2 weeks prior to commercial operation		5/15/05	
SOIL & WATER-6	Industrial Discharge Permit from the City of San Jose Environmental Services Division.	Provide the CPM a copy of a valid Industrial Discharge Permit.	45 days prior to commercial operation		4/15/05	
SOIL & WATER-7	Obtain a Section 401 Certification from the San Francisco RWQCB.	Submit to the CEC CPM a copy of the Section 401 Certification.	30 days prior to the start of any streambed alteration activities	5/1/03	12/2/02 (outfall)	NA
SOIL & WATER-8	Shall only use groundwater for MEC process and domestic requirements and for back-up cooling make up from either the two wells and pipelines.	Submit the following to the Energy Commission CPM: all construction specifications, a copy of the valid well permit(s) and registration numbers, any construction or operation conditions.	30 days prior to construction of wells	9/9/03	NA	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
SOIL & WATER-8	Shall only use groundwater for MEC process and domestic requirements and for back-up cooling make up from either the two wells and pipelines.	Notify the CPM that the wells have been installed and submit the results of the pump and aquifer tests conducted.	30 days after completion of wells			
SOIL & WATER-9	Design, construct, and fully fund the portion of the SBWR reclaimed water supply pipeline dedicated to, and essential for, the operation of MEC.	Submit evidence demonstrating that the project owner has negotiated or is negotiating one or more agreements to provide SBWR reclaimed water.	30 days prior to start of construction			
GEO-1	Assign to the project an engineering geologist(s).	Submit to the CPM the name(s) and license number(s) of the certified engineering geologist(s).	30 days prior to start of construction	8/2/02	8/24/01	10/1/01
GEO-1	Assign to the project an engineering geologist(s).	Notify CPM of replacement of Engineering Geologist	Replacement of Engineering Geologist	7/27/2001 1/28/02	N/A	Complete
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit Grading Permit Application	Application for Grading Permit per GEO-2	1/28/02	1/28/02	2/6/02
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit a signed statement to the CPM stating that the Engineering Geology Report has been submitted to the CBO.	15 days after submittal of application	1/11/02	1/11/02	4/4/02
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit copies of the Final Engineering Geology Report to the CPM and the CBO.	90 days following completion of Final Grading	1/26/02	1/14/02	1/24/02
PAL-1	Ensure that the designated paleontological resource specialist is available for field activities.	Submit the name and resume and the availability for its designated paleontological resource specialist.	90 days prior to start of construction	6/3/02	7/26/01	7/27/01
PAL-1	Ensure that the designated paleontological resource specialist is available for field activities.	Obtain CPM approval of the replacement specialist.	10 days prior to termination or release of PRS			
PAL-2	Prepare Paleontologic Resources Monitoring and Mitigation Plan.	Provide the CPM with a copy of the Monitoring and Mitigation Plan.	60 days prior to start of construction	6/12/01	6/12/01	7/27/01
PAL-3	WEAT for paleo resources.	Submit to the CPM for review, comment, and written approval, the WEAT.	30 days prior to start of construction	9/20/01	9/20/01	10/3/2001
PAL-3	WEAT for paleo resources.	Documentation for training of additional new employees.	Monthly Compliance Report		3/20/02 (video)	Complete
PAL-4	The designated paleontological resource specialist shall be present at all times he or she deems appropriate to monitor.	Include a summary of paleontological activities.	Monthly Compliance Report			In progress
PAL-5	Ensure recovery, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontological resource materials.	Maintain in compliance files copies of signed contracts or agreements with the designated paleontological resource specialist. Maintain these files for a period of three years after approval Paleontological Resources Report.	Periodic Audit by the CPM per PAL-5			In progress
PAL-6	Ensure preparation of a Paleontological Resources Report by the designated paleontological resource specialist.	Submit a copy of the Paleontological Resources Report to the CPM for review and approval.	Within 90 days following completion of the analysis			
PAL-7	Include in the facility closure plan a description regarding facility closure activity's potential to impact paleontological resources.	Include a description of closure activities in the facility closure plan.	Facility Closure Plan			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
GEN-1	Design, construct and inspect the project in accordance with the 1998 California Building Code (CBC) and all other applicable LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Submit to the CPM a statement of verification attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Decision have been met.	Within 30 days after receipt of the Certificate of Occupancy.			
GEN-1	Design, construct and inspect the project in accordance with the 1998 California Building Code (CBC) and all other applicable LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Provide the CPM a copy of the Certificate of Occupancy.	Within 30 days after receipt of the Certificate of Occupancy.			
GEN-2	Submit to the CPM and CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	Submit the schedule, a Master Drawing List, and 60 days prior to start of rough grading a Master Specifications List to the CBO and to the CPM.	1/15/01	10/4/01	10/18/01	Complete
GEN-2	Submit to the CPM and CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	Provide schedule updates in Monthly Compliance Report	Monthly Compliance Report			Ongoing
GEN-3	Make payments to the CBO for design review, plan check and construction inspection.	Make the required payments to the CBO at the time of submittal.	Submittal of plans to the CBO.			In progress
GEN-3	Make payments to the CBO for design review, plan check and construction inspection.	Send a copy of the CBO's receipt of payment to the CPM.	Monthly Compliance Report after Fees are Paid	1/15/01	12/14/01	N/A
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit to the CBO for review and approval, the name, qualifications and registration number of the RE.	30 days prior to start of rough grading	12/15/01	8/1/01	8/7/01
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approvals of the RE.	Within 5 days of CBO approval	8/12/01	9/19/01	N/A
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit qualifications of replacement RE.	Within 5 days	12/12/01	12/12/01	1/16/02
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approval of the new engineer (RE).	Within 5 days of CBO approval	1/21/02	1/18/02	N/A
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit qualifications of replacement RE.	Within 5 days	1/14/02	1/18/2002, 5/7/03	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approval of the new engineer (RE).	Within 5 days of CBO approval	11/23/2002, 5/8/2003	N/A	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit qualifications of replacement RE.	Within 5 days	6/3/03	8/7/03	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approval of the new engineer (RE).	Within 5 days of CBO approval	8/14/03	8/13/03	N/A
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Submit to the CBO for review and approval the names, qualifications, and registration numbers of all the responsible engineers.	30 days prior to start of rough grading	12/15/01	8/1/01	8/7/01
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	The project owner shall notify the CPM of the CBO's approvals of the engineers within five days of the approval.	Within 5 days of CBO approval	8/12/01	N/A	Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/Comments
START OF MOBILIZATION/ROUGH GRADING	1/14/2002						
START OF CONSTRUCTION	9/1/2002						
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Submit qualifications of replacement engineer.	Within 5 days	12/17/01 1/1/28/01	1/18/01	N/A	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Notify the CPM of the CBO's approval of the new engineer.	Within 5 days of CBO approval		1/18/02 & 1/28/02	N/A	Complete
GEN-6	Assign qualified and certified special inspector(s).	Submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications.	15 days prior to any activity requiring Special Inspection		1/11/02	1/18/02	In progress
GEN-6	Assign qualified and certified special inspector(s).	Submit to the CPM a copy of the CBO's approval.	Monthly Compliance Report after Special Inspectors are approved		2/14/2002 10/22/02	7/7/03	In progress
GEN-6	Assign qualified and certified special inspector(s).	Replacement of special Inspectors	Replacement of Special Inspector				Ongoing
GEN-6	Assign qualified and certified special inspector(s).	Notify the CPM of the CBO's approval of the newly assigned inspector.	Within 5 days of CBO approval				Ongoing
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Submit monthly construction progress reports to the CBO and CPM.	Monthly Construction Progress Report				In progress
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Document the discrepancy and recommend the corrective action required.	Discrepancy in Design or Construction				
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Transmit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	Within 15 days of CBO Approval or Disapproval of Discrepancy				
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	Within 5 days of CBO Approval or Disapproval of Discrepancy				
GEN-8	Obtain the CBO's final approval of all completed work.	Submit to the CBO, with a copy to the CPM, a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work				
CIVIL-1	Prior to the start of site grading, submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils report.	Submit the documents described above to the CBO for review and approval.	15 days prior to start of rough grading		12/30/01	8/27/01	Complete (Except for approval of Construction Facilities Plan, Rev.2)
CIVIL-1	Prior to the start of site grading, submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils report.	Submit a written statement certifying that the documents have been approved by the CBO.	Monthly Compliance Report after CIVIL-1 Documents are Approved		5/14/02	4/2/02	N/A
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Notify CPM within 5 days when work is stopped.	Within 5 days when work is stopped				Complete

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Submit modified plans, specifications and calculations to the CBO based on new conditions.	Work Stopped Due to Unforeseen or Adverse Soil Conditions			
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Copy CPM within 5 days of CBO approval of Modified Plans.	5 days of CBO approval			
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Start of Rough Grading			
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	The resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report and the proposed corrective action.	Within 5 days of discovery of discrepancy in grading			
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Submit the details of the corrective action to the CBO and the CPM.	Within 5 days of resolution of grading NCR.			
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	A list of NCFI's, for the reporting month, shall also be included in the following Monthly Compliance Report.	Monthly Compliance Report after Resolution of Grading NCR.			
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Submit to the CBO the responsible Civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans.	30 days after completion of the Erosion and Sediment Control Mitigation and Drainage Facilities			
CIVIL-4	After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Submit a copy of this report to the CPM in the next Monthly Compliance Report.	7/26/02	7/26/2002 / 1/16/03	Complete for phase 1 grading only.	
STRU-C-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Submit to the CBO, with a copy to the CPM, the responsible design engineer's signed statement that the final design plans, specifications and calculations conform with all of the requirements.	8/14/02	8/14/2002 / 1/17/03	Complete for phase 1 grading only.	

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
START OF MOBILIZATION/ROUGH GRADING		1/14/2002			Date submitted to CPM/CBO	Date approved by CPM/CBO
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Status/ Comments	
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Obtain approval from the CBO of lateral force procedures proposed for project structures. Obtain approval from the CBO for the final design plans, specifications, calculations, soils reports, and applicable quality control procedures. Submit to the CBO the required number of copies of the structural plans, specifications, calculations. The final designs, plans, calculations and specifications shall be signed and stamped by the responsible design engineer.	90 days prior to the start of on-site fabrication and installation of each structure			In progress
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	If the CBO discovers non-conformance with the stated requirements, resubmit the corrected plans to the CBO with a copy to the CPM.	Within 20 days of receipt of the nonconforming submittal			
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in conformance with the requirements.	Approval by the CBO of Resubmitted STRUC-1 Submittal			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Submit test reports and inspection reports to the CBO	Test Reports or Inspection Reports are Complete			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	If a discrepancy is discovered in any of the above data prepare and submit an NCR to the CBO, with a copy of the transmittal letter to the CPM.	Within 5 days of discovery of discrepancy			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Submit a copy of the corrective action to the CBO and the CPM.	Within five days of resolution of the NCR			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM	Within 15 days of CBO approval			
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	If disapproved, advise the CPM the reason for disapproval and the revised corrective action to obtain CBO's approval.	Within 5 days of CBO disapproval			
STRUC-3	Submit to the CBO design changes to the final plans required by the 1998 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3.	Notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies with a copy of the transmittal letter to the CPM.	Design Changes to STRUC-1 Designs Previously Approved by the CBO			
STRUC-3	Submit to the CBO design changes to the final plans required by the 1998 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3.	Notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	Monthly Compliance Report			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPW/CBO	Date approved by CPW/CBO
STRUCTURE-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	30 days prior to the start of installation of the tanks or vessels			
STRUCTURE-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Send copies of the CBO approvals of plan checks to the CPW in the following Monthly Compliance Report.	Monthly Compliance Report			
STRUCTURE-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Transmit a copy of the CBO's inspection approvals to the CPW.	Monthly Compliance Report			
Mechanical-1	Prior to the start of any increment of piping construction, submit, for CBO review and approval, the proposed final design drawings, specifications and calculations for each plant piping system.	Submit to the CBO for approval, with a copy to the CPW, the proposed final design plans, specifications, calculations, and quality control procedures for that increment of construction of piping systems.	30 days prior to the start of any increment of piping construction			
Mechanical-1	Prior to the start of any increment of piping construction, submit, for CBO review and approval, the proposed final design drawings, specifications and calculations for each plant piping system.	Transmit a copy of the CBO's inspection approvals to the CPW in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of MECH-1 Piping Systems			
Mechanical-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	Submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification ; with a copy to the CPW.	30 days prior to the start of on-site fabrication or installation of any pressure vessel			
Mechanical-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	The project owner shall send copies of the CBO plan check approvals to the CPW in the following Monthly Compliance Report.	Monthly Compliance Report after CBO Approval of Plan Checks for Pressure Vessels			
Mechanical-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	Transmit a copy of the CBO's and/or Cal-OSHA inspection approvals to the CPW in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of Pressure Vessels Defined in MECH-2			
Mechanical-3	Prior to the start of construction of any heating, ventilating, air conditioning (H/VAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Submit to the CBO the required H/VAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer, with a copy to the CPW.	30 days prior to the start of construction of any H/VAC or refrigeration system			

METCALF ENERGY CENTER • COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING		1/14/2002				
START OF CONSTRUCTION		9/1/2002				
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Send copies of CBO comments and approvals to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report after CBO Approval of Plan Checks for HVAC Systems			
MECH-3	Prior to the start of construction of any heating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of HVAC Systems Defined in MECH-3			
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Submit to the CBO the final design plans, specifications and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC	30 days prior to the start of construction or any of the above systems			
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Send the CPM a copy of the transmittal letter with the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC in the next Monthly Compliance Report.	Monthly Compliance Report after Mechanical Engineer Certification of HVAC System per MECH-4			
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Transmit a copy of the CBO's inspection approvals to the CPM in the next Monthly Compliance Report following completion of that increment of construction.	Monthly Compliance Report after CBO Inspection of HVAC System per MECH-4			
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	Submit to the CBO for review and approval the final design plans, specifications and calculations for electrical equipment, including a copy of the signed and stamped statement from the responsible electrical engineer.	30 days prior to the start of each increment of electrical construction			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	Send a copy of the transmittal letter of the signed and stamped statement from the electrical engineer attesting to compliance with the applicable LORS to the CPM.	Monthly Compliance Report after submitting Electrical Documents for CBO Approval per ELEC-1			
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	The following activities shall be reported in the Monthly Compliance Report: 1. Receipt or delay of major electrical equipment, 2. Testing or energization of major electrical equipment.	Monthly Compliance Report after Receipt or Testing of Equipment or CBO Approval of Electrical Drawings per ELEC-1			
ELEC-2	The project owner shall submit to the CBO the required number of copies of items A and B for review and approval and one copy of item C [CBC 1998, Section 106.3.2, Submittal documents.]	Submit to the CBO for review and approval the final design plans, specifications and calculations, for electrical equipment, including a copy of the signed and stamped statement from the responsible electrical engineer certifying compliance with the applicable LORS.	30 days prior to the start of each increment of electrical equipment installation			In progress
ELEC-2	The project owner shall submit to the CBO the required number of copies of items A and B for review and approval and one copy of item C [CBC 1998, Section 106.3.2, Submittal documents.]	Send a copy of the transmittal letter of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report after submitting Electrical Documents for CBO Approval per ELEC-2			
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE-1a - h listed in Conditions of Certification.	Submit for approval to the CPM: Design drawings, specifications and calculations for the poles/towers, foundations, anchor bolts, conductors, grounding systems and major switchyard equipment.	60 days prior to construction of transmission facilities	3/1/04	6/8/04	Complete
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE-1a - h listed in Conditions of Certification.	Submit for approval to the CPM: b) For each element of the transmission facilities as identified above, the submittal package to the CPM shall contain the design criteria, etc.	60 days prior to construction of transmission facilities	3/1/04	6/8/04	Complete
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE-1a - h listed in Conditions of Certification.	Submit for approval to the CPM: c) Electrical one-line diagrams signed and sealed by the registered professional electrical engineer in responsible charge, a route map, and an engineering description of equipment.	60 days prior to construction of transmission facilities	3/1/04	6/8/04	Complete
TSE-2	Inform the CPM of any impending changes which may not conform to the requirements of 1a - h listed in TSE-1 and request CPM approval to implement changes.	Inform the CPM of any impending changes which may not conform.	60 days prior to construction of transmission facilities			
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM "as built" engineering description(s) and one-line drawings of the as-built facilities signed and sealed by a registered electrical engineer in responsible charge.	Within 60 days after synchronization of the project			

METCALF ENERGY CENTER - COMPLIANCE MATRIX						
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPW/CBO	Date approved by CPW/CBO
START OF MOBILIZATION/ROUGH GRADING	1/14/2002					
START OF CONSTRUCTION	9/1/2002					
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM an "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer.	Within 60 days after synchronization of the project			
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM a summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer.	Within 60 days after synchronization of the project			
Governor's Executive Order No. D-25-01	Milestones, and method of verification must be established and agreed upon by the project owner and the CPM no later than 30 days after project approval, the date of clocketing. If this deadline is not met, the CPM will establish the milestones.	ESTABLISH PRE-CONSTRUCTION MILESTONES TO ENABLE START OF CONSTRUCTION WITHIN ONE YEAR OF CERTIFICATION	Project Certification	10/24/01	10/24/01	11/19/01
Governor's Executive Order No. D-25-01	Milestones, and method of verification must be established and agreed upon by the project owner and the CPM no later than 30 days after project approval, the date of clocketing. If this deadline is not met, the CPM will establish the milestones.	ESTABLISH CONSTRUCTION MILESTONES FROM DATE OF START OF CONSTRUCTION	Project Certification	10/24/01	10/24/2001 9/10/02 (rev.)	11/19/01
Pre-constr matrix	Prior to commencing construction a compliance matrix addressing only those conditions that must be fulfilled before the start of construction shall be submitted to the CPM.	Construction shall not commence until the pre-construction matrix is submitted, all pre-construction conditions have been complied with, and the CPM has issued a letter to the project owner authorizing construction.	Start of Construction	9/1/02	8/7/02	8/30/02
Compliance matrix	A compliance matrix shall be submitted by along with monthly and annual compliance report.	Submit compliance matrix to CPM	Monthly Compliance Report	11/15/01	11/15/01	On-going

CBO SUBMITTALS, COMMENTS AND APPROVALS

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments	Documents	
				Issued	To Check	From Check	Respond		Sub'd	Rsp'd
		00001 00002	Never Assigned Never Assigned							
		00009	Construction Facilities Drawing	2/27/2002 3/20/2002	3/21/2002					1
GEN-2	0010	Gas Turbine Diffuser		2/27/2002 3/20/2002	3/21/2002	3/29/2002	See 00025	A-3/29/2002		1
GEN-2	00025	Gas Turbine Diffuser Condition of Certification	Field Engineers and Special Inspectors John Edwin Nelson and Roman M. Reyes	4/22/2002				A-4/24/02		1
GEN-6	1008		Bechtel Proposed CBO Submittal List (24193-000-T01-GEX-00018)					A-9/28/02		1
GEN-2	1009							C-10/16/02		1
GEN-5	1011	Qualifications Statement Ballold (Civil), Masi (Mech) & Rubin (Elect)						A-1/18/02		1
GEN-4	1012	Qualifications: Resident Engineer Mr. Shrike Miao of Martenson						A-1/17/02		1
GEN-4	Calpine Letter	00268 Qualifications: Resident Engineer: Mr. Robert K. Anders		6/3/2003						
GEN-4	Calpine Letter	00272 Qualifications: Resident Engineer: Mr. Robert K. Anders		7/9/2003						
GEN-5	1013	Statements of Qualifications C. Barry Butler and Richard G. Woodward-(Geotech)						A-1/16/02		1

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review / Approval Dates				Comments		Documents	
				Issued	To Check	From Check	Respond	From Check	Status	Sub'd	Rsp'd
GEN-6	1014		Statement of Qualifications, Bill Petroski						C-1/18/02		
GEN-6	1015		Special Inspectors-Jarrod Bordi (1 of 6) ICBQ/ACI	01/11/02					A-1/16/02		
GEN-6	1015		Special Inspector-Kevin Brown (2 of 6)-ICBO/ACI	01/11/02					A-1/16/02		
GEN-6	1015		Special Inspector-Leah Welliver (3 of 6)-ICBO/ACI	01/11/02					A-1/16/02		
GEN-6	1015		Special Inspector - Steven Harvey (4 of 6)-ICBO/ACI	01/11/02					A-1/16/02		
GEN-6	1015		Special Inspectors-Bundy Chamberlain Jr (5 of 6)	01/11/02					C-1/16/02		
GEN-6	1015		Special Inspectors - Daniel Camacho (6 of 6)	01/11/02					C-1/16/02		
GEN-6	1015		Statement of Qualification - Special Inspectors	01/11/02					C-1/17/02		
GEN-6	Calpine Letter		Special Inspector - Dave Barnes	07/06/04	7/7/2004				Approved		
GEN-6	1015		Special Inspector - Jeff Patterson	04/21/04				04/21/04	Approved		
GEN-6	1015		Special Inspector - Jay Halfield	05/13/04				05/13/04	Approved		
GEN-6	1015		Special Inspector - Garrick Johnson	6/3/2004	6/10/2004	6/10/2004	HK	06/10/04	Approved		

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review / Approval Dates				Comments	Documents	
				Issued	To Check	From Check	Respond		Sub'd	Rsp'd
GEN-5	1016		Statement of Qualifications, Emma, Chainese						A-9/20/02	1
GEN-5	1017		Statement of Qualification: Civil/Structural - Mr. Lanty						A-9/20/02	1
	1019		Statement of Qualification: Civil -Protocol A, Mr. Lanty						A-9/20/02	1
GEN-2	1017	000051	CBO Submittal List	07/18/02						
GEN-2	1017	000083	CBO Submittal List	10/11/02						
GEN-2	1018	000138	CBO Submittal List	01/27/02						
GEN-5	1017		Resp. Design Eng: Civil - Mr. Lanty							
GEN-5	1019	000159	Responsible Civil Engineer	4/7/03						
			No rsp reqd							
GEN 4			Resident Engineer Transition Acceptance by SG	02/04/03						
TSE-1	Calpine Letter		Qualifications: Switchyard Power Engineers 2 Resumes	02/04/03				03/21/03	Condition Approved	Needs: PE Certs
			Carl Johnson - Resume							
			Kevin Murar - Resume							
	Calpine Letter		Qualifications: Switchyard Power Engineers 2 Registration Certificates	04/17/03				08/04/03	Approved	HK Stamped 6/10/03
			Carl Johnson - Certification							
			Kevin Murar - Certification							
	Calpine Letter		Qualifications: Switchyard Power Engineers Steve Walker - Civil Engineer	03/22/04						
			Qualifications: Switchyard Power Engineer John Henning					11/06/03	Approved	
	Calpine Letter		Qualifications: Water Treatment Building, BOP Elect. & Admin. Building					05/05/04	Approved	
			DPR Construction Responsible Engineers							
			Samuel J. Koerper - Structural Engineer							
			Steven Cox - Architect							
			Edward J. Brady - Mechanical (Plumbing) Engineer							
			Steve Reade - Mechanical (HVAC) Engineer							

METCALF DOCUMENT SUBMISSIONAL RECORD
CALPINE/B&V AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments		Documents	
				Issued	To Check	From Check	Respond	From Check	Status	Sub'd	Rsp'd
GEN 5	Calpine Letter		Qualifications: Gas Pipeline Raymundo Engineering: 2 Resumes	02/05/03			03/21/03	HK	Condition Approved	Needs: PE Certs, ORG Chart other Resumes	1 1
			Resp. Design Eng: Gas Pipeline - John Byrne								
			Resp. Design Eng: Gas Pipeline - Bernard Wroblewski	02/05/03							
GEN 5	Calpine Letter		Qualifications: Gas Pipeline Raymundo Engineering: 4 Resumes, Organizational Chart, Inspection Plan	05/05/03			08/06/03	HK	Approved	HK stamped on 6/10/03	6 0
			William Raymundo - Resume								
			John J. Byrne - Resume								
			Karli K. Maeda - Resume								
			Bart F. Oddo - Resume								
			Inspection Plans								
			Organizational Chart								
GEN 5	Calpine Letter		Qualifications: Access Road and Sewer Line CH2M-Hill Engineering: 2 Resumes	03/25/03			04/30/03	HK	Approved		
			Mike Zabaneh - Resume								
			Benjamin Wright - Resume								
GEN 5	Calpine Letter	no ltr number	Qualifications: Access Road and Sewer Line CH2M-Hill Engineering: Constance Eichhorn - Replaces Mike Zabaneh	12/08/03	3/11/2004			HK			
WASTE 4	Calpine Letter		Qualifications: Registered Geologist 2 Letters 6 Resumes	04/18/03				Info Only		No Approval Req'd	
			Letter to Steve Munroe 3/12/03								
			Mark Smolley								
			Letter to Steve Munroe July 31, 2001								
			Ana Demarest-Resume								
			David Ritzman - Resume								
			Julia S. Spahn - resume								
			Keith Sheets - resume								
			Scott Eric Lamb - Resume								
GEN 5	Calpine		Qualifications: Architectural Screen Wall Geiger Engineers; 1 resume	03/14/03			08/05/03	HK	Approved	HK stamped on 6/10/03	

AMETCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLI DAN CEO PROJECT NO 13254

A - Approved

P - A

1

P - Approved upon sign-off by Engineer, Inspector or Geotech, or other Third Party indicated by CBO.
D - Discouraged between CBO, Engineer, Geotech, Inspector or other party.

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Condition of Certification	Pack. No.	CBO No.	Package Title	Review/Approval Dates				Comments or Action Required	Rc'd	Rsp'd	Documents
				Issued Date	To Check	From Check	Resp' Date				
CIVIL-1	Bechtel	Storm Water Management Plan	Erosion-Sediment Control & Storm Water Plan: Report# 24193-000-G27-GEK-00001 Rev2 Calc: Storm Basin Sizing H&H-1 Rev 1 Calc: Storm Drain Design H&H-2 Rev 2 Calc: Retaining Wall Structure 000-DBC-000-00001 Dwg: 0-C2-0000-00001 Site Plan	10/19/01 08/21/02 10/30/2002 10/10/2002 10/12/2001			4/8/2002 4/8/2002 4/8/2002 4/8/2002	DN Approved Approved Approved Approved	R2 R1 R2 R0 * May not belong in this package R2	0 1 1 1 1	0 0
*		Dwg: 0-C2-0000-00002 Const. Facilities	Dwg: 0-CE-0000-00001 Clearing Stripping Stockpile	10/17/2001 10/19/2001 10/24/2001			4/8/2002 4/8/2002	Approved Approved	R1 R3	1 1	0
		Dwg: 0-CG-0100-00002 Rough Grading Phase 2	Dwg: 0-CG-0100-00001 Erosion Control Details							1 1	0
		Dwg: 0-CG-0090-00002 Drainage Details	Dwg: 0-CG-0090-00003 Rough Grading Details	8/20/2001					R1	1 1	0
		Dwg: 0-CG-0090-00004 Drainage Headwall Details	Dwg: 0-CG-0090-00005 Rough Grading Sections	10/19/2001			4/8/2002	Approved	R1	1 1	0
*		Dwg: 0-CG-0090-00006 Retaining Wall	Dwg: 0-CD-0100-00001 Storm Water Piping Plan	8/10/2001 10/31/2001					R0 * May not belong in this package	1 1	0
		Dwg: 0-CS-0200-00001 Main Access Road	Dwg: 0-CS-0300-00001 Railroad Plan & Profile	10/19/2001 8/10/2001			4/8/2002	Approved	R1 R0	1 1	0
CIVIL-1	2001	Rough Grade Plan Check	Grading Retaining Wall-Geotech Review	8/29/2001 9/18/2001					C-9/18/01 C-10/19/01	1 1	1
CIVIL-1	2001	Geotechnical Report (by Arroyo)	Pilot Plan - Bechtel C2-0000-00003	1/12/2002					6/11/2002 C-10/26/02	1 1	1
CIVIL-1	2002	Engineering Geology Report	Engineering Geology Report	10/26/2002					See 2008 See 2008	1 1	1
CIVIL-1	2003	Engineering Geology Report	Engineering Geology Report	10/26/2002						1	1
CIVIL-1	2004	Phase 2 - Drainage and Grading; 4 Drawings	Dwg: C-071-R0 Rough Grading Plan	2/28/03 3/14/03				RS HK			
		Dwg: C-072-R0 Drainage Plan	Dwg: C-073-R0 Foundation Schedule					Approved C apvd C apvd Info			
		Dwg: C-074-R0 Crane Staging Area Plan									
CIVIL-1	2004	Phase 2 - Drainage and Grading; 4 Drawings	Dwg: C-072-R1 Drainage Plan	09/23/03							
		Dwg: C-072-R1 Drainage Plan	Technical Specification for Earthwork					Approved			
CIVIL-1	2005								C-11/15/02	1	1

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Condition of Certification	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments or Action Required		Documents Rcv'd	Rsp'd	
				Issued Date	To Check	From Check	Resp' Date	Check By	Status			
CIVIL-1	00020		Subsurface Investigation & Geology Report: CY-0000-001 Rev H 0-CG-0100-001002 Rev. 1, 0-CG-0090-001006 Rev. 0, 0-C2-0000-00001 Rev. 1	4/2/2002				A-4/4/02		4	4	
GEO-2	2008		Engineering Geology Report - Application for Grading Permit	2/15/2002				C-1/17/02		1	1	
GEO-2	2008	000007	Subsurface Investigation & Foundation Report - Responses to Arroyo's comments	3/8/2002				Verbal Evans	See 00012			
GEO-2	2008	000012	Subsurface Investigation and Foundation Report-Letter	3/6/2002				A-3/29/02	Response Forecast 3/22/02 Response Forecast 3/22/02 Response Received 3/29/02	1	1	
CIVIL-1	2009	000028	Sediment & Erosion Control - CG50 South laydown yard Sediment & Erosion Control Plan Rev 0 CG60 Sedimentation & Erosion Notes & Details Rev 0 CG61 Sedimentation&Erosion Details Rev.0	4/30/2002				A-9/26/02 Verbal HK	Disposition dated 10/14/02 Response Forecast CEC	4	4	
CIVIL-1	2009	000048	Sediment & Erosion Control Burns & Roe response to comments	7/3/2002					Disposition dated 10/14/02	1	1	
CIVIL-1	2010	000029	Burns & Roe Response to comments on Design of Concrete Filled Pipe Piles	5/6/2002 5/28/2002				A-5/8/02	Approved with 3014	1	1	
CIVIL-4	2011	000054	Site Observation Report: Dated 7/25/02	07/26/02 No rsp rqd						1		
CIVIL-4	3052	000126	Site Observation Report: Marty Ballod final site visit. Three page document	01/06/2003 No rsp rqd	01/10/03		01/17/02	HK-DW	resubmitted			
CIVIL-4	3052	000136	Site Observation Report: Marty Ballod final site visit. Three page document	01/27/2003 No rsp rqd	2/4/2003			HK-RS	Comments from HK faxed to engineer. Report to be discussed at meeting with SG&SM Resident engineer transfer.			
CIVIL-4	3052	000156	Revised Site Observation Report:	3/24/2003 No rsp rqd					Approved			
CIVIL-1	000004		Retaining Wall Superseded by Keystone Blocks	2/6/2002						1		
CIVIL-1	2012	00069	Retaining Wall as built drawings 0-CG-0090-0006 Rev 2 2484-C030 Rev. 0	9/13/2002 10/7/2002					Low Priority per JF on 10/9/02 Replaces FCR 0002	2		
CIVIL-1	3022	00037	Roadway Drawings C040 Road Geometry Plan Rev. 0 C043 Typical Road Cross Section Rev. 0 C045 PG&E All-Terrain Vehicle Access Partial Plan Rev.0	6/13/2002 6/27/2002					N-7/1/02	3	0	
CIVIL-1	3022	00056	Roadway Drawings - Burns & Roe Response to Willdan Comments of 7/1/02	08/02/02 08/22/02					C-10/9/02	Tech Specs Section (Earthwork) should be referred to for all compaction requirements	1	1

METCALF DOCUMENT SUBMISSION RECORD
GALPINE/B&R AND CBO

Condition of Certification	Pack. No.	CBO No.	Package Title	Review /Approval Dates					Comments or Action Required		
				Issued Date	To Check	From Check	Resp' Date	Check By	Status	Rcd	Rsp'd
CIVIL-1	3022	00062	Roadway Drawings C040 Road Geometry Plan Rev. 2 C043 Typical Road Cross Sections Rev. 2 C045 PG&E All Terrain Vehicle Access, Rev 2	08/21/02 09/12/02					A-10/9/02		3 3
CIVIL-1	3022	00113	Roadway: Dwg: C040R3 Dwg: C045R3	12/6/2002							2 2
CIVIL-1	3022	000118	Roadway: Letter: Response to CBO Comments: Roadway crosssection Dwg: C043 R3	12/23/02	1/28/03	1/28/03			HK Approved Unstamped		
CIVIL-1	2013	000107	Temporary Construction Facilities: Dwg# C070-R0	11/25/02	02/04/02	xx	xx	RS	xx	Kirsten Advises not to review because permits are not in place	1
CIVIL-1	2013	000161	Temporary Construction Facilities: Dwg# C070-R1	04/14/03	04/22/03	xx	xx	RS ES	Under Review	Needs Lighting added Plus	1
CIVIL-1	2013	Calpine 00500	Temporary Construction Facilities: Dwg# C-070 Modified by Redline for Drainage	09/02/03	09/03/03	xx	xx	RS	Under Review	Needs Invert Elevations and much more	1

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE B&R AND CBO

WILLDAN CBO PROJECT NO. 13254										
Condition of Certification	Pack. No.	CBO No.	Package Title	Review/Approval Dates			Comments or Action Required		Documents Rcd	Rsp'd
				Issued Date	To Check	From Check	Responsible Date	Check By		
CIVIL-1	2013	000242	Final Grading Plan - Phase 3 : 11 Drawings / Includes Fire Recommendations C-021-R1 Grading and Drainage Details Sheet 1 C-022-R1 Grading and Drainage Details Sheet 2 C-023-R1 Grading and Drainage Details Sheet 3 C-032-R1 Site Details C-033-R1 Drainage Details and Schedules C-043-R3 Typical Road cross Sections C-035-R1 Fencing Plan C-036-R1 Fencing Details C-040-R5 Road Geometry C-045-R5 PG&E Vehicle Access C-309-R1 Guard-Rail Details	04/26/04	04/30/04	05/07/04	5/12/04	RS/GC	99% Ready for Approval	Fire-truck turn-around needs to be Finalized. Otherwise, all is ready for approval Needs to have final submittal by BRE and Calpine
CIVIL-1	2013	000242-Rev.	Final Grading Plan - Phase 3 : 11 Drawings / Includes Fire Recommendations C-022-R1 Grading and Drainage Details Sheet 2 C-023-R1 Grading and Drainage Details Sheet 3 C-032-R1 Site Details C-033-R1 Drainage Details and Schedules C-043-R3 Typical Road cross Sections C-035-R1 Fencing Plan C-036-R1 Fencing Details C-040-R5 Road Geometry C-045-R5 PG&E Vehicle Access C-309-R1 Guard-Rail Details	06/02/04	06/04/04	06/11/04	06/11/04	RS	APPROVED	
CIVIL-1	2013	000248	Phase 3 Site Finalization Package	07/27/04	08/04/04	08/04/04	08/04/04	RS	APPROVED	
			Drawings: C020, C031, C034, R1							
			Drawings: C021, C022, C023, C033 and C035, R2							
			Drawing: C040, R6							
			Drawing: C043, R4							

METCALF DOCUMENT SUBMITTAL RECORD									
CALPINE B&R AND CBO									
Condition of Certification	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments or Action Required	Documents Rcd Rsp'd
				Issued Date	To Check	From Check	Resp' Date	Check By	Status
SWPPP	Calpine Trans #	01263	Storm Water Pollution Prevention Plan Report 35 pages	01/19/04				Don W.	Comments generated by Don Hans met with Steve Fischer
CIVIL-1	6001	Calpine Transmittal 00272	Linear Facilities: Roadway, Potable Water, Recycled Water, & Sewer 17 Drawings: CH2MHILL preliminary	03/28/03	03/28/03			RS GC	Not Approved
			G-11 Title Sheet Legends						Drawings are for 30% Design
			G-12 General Notes						
			G-13 Key Plan Overall View						
			X-1 Typical Cross Sections						
			L-1 Plan & Profile Detail						
			L-2 Plan & Profile Detail						
			L-3 Plan & Profile Detail						
			L-4 Plan & Profile Detail						
			L-5 Plan & Profile Detail						
			L-6 Plan & Profile Detail						
			L-7 Plan & Profile Detail						
			L-8 Plan & Profile Detail						
			L-9 Plan & Profile Detail						
			L-10 Plan & Profile Detail						
			D-1 Construction Detail						
			SD-1 Standard Details						
			SD-2 Stand Details						
6001	Calpine Letter 2/17/04	Linear Facilities: Roadway, Potable Water, Recycled Water, & Sewer 31 Drawings: CH2MHILL 100% Design	Specification Booklet	02/17/04	02/17/04	02/25/04	n/a	RS DW GC	Comments need Response, Sent Feb 25
		T-1 Cover Page with Legend							
		G-1 Title Sheet Legends K-1							
		X-1 Typical Cross Sections L-1 Plan & Profile Detail L-2 Plan & Profile Detail L-3 Plan & Profile Detail							

WILDEAN CBO PROJECT NO. 13254											
Condition of Certification	Pack. No.	CBO No.	Package Title	Review /Approval Dates			Comments or Action Required	Documents			
				Issued Date	To Check	From Check	Resp' Date	Check By	Status	Rcd	Rsp'd
			L-4 Plan & Profile Detail								
			L-5 Plan & Profile Detail								
			L-6 Plan & Profile Detail								
			L-7 Plan & Profile Detail								
			L-8 Plan & Profile Detail								
			L-9 Plan & Profile Detail								
			L-10 Plan & Profile Detail								
			D-1 Construction Detail								
			D-2								
			CD-1 Standard Details								
			CD-2 Stand Details								
			CD-3 Stand Details								
			CD-4 Stand Details								
			CD-5 Stand Details								
			CD-6 Stand Details								
			CD-7 Stand Details								
			CD-8 Stand Details								
			CD-9 Stand Details								
			EC-1								
			EC-2								
			EC-3								
			B-1								
			B-2								
			B-3								
6001	Linear Facilities: Roadway, Potable Water, Recycled Water, & Sewer 3D Drawings: CH2MHILL 100% Design Specification Booklet T-1 Cover Page with Legend G-1 Title Sheet Legends K-1				6/17/2004 6/18/2004 DW/HK APPROVED			Second set of 100% Design Mylar Drawings, Hand delivered by Mark Smolley on 6-17-2004.			
	X-1 Typical Cross Sections										
	L-1 Plan & Profile Detail										
	L-2 Plan & Profile Detail										
	L-3 Plan & Profile Detail										
	L-4 Plan & Profile Detail										
	L-5 Plan & Profile Detail										
	L-6 Plan & Profile Detail										
	L-7 Plan & Profile Detail										
	L-8 Plan & Profile Detail										
	L-9 Plan & Profile Detail										
	L-10 Plan & Profile Detail										
	D-1 Construction Detail										
	D-2 Plan Detail										
	CD-1 Standard Details										

METCALF DOCUMENTS SUBMITTAL RECORD
CALPINE/R&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Condition of Certification	Pack. No.	CBO No.	Package Title	Review / Approval Dates				Comments or Action Required	Documents Rcd	Rsp'd
				Issued Date	To Check	From Check	Resp' Date			
			CD-2 Stand Details							
			CD-3 Stand Details							
			CD-4 Stand Details							
			CD-5 Stand Details							
			CD-6 Stand Details							
			CD-7 Stand Details							
			CD-8 Stand Details							
			CD-9 Stand Details							
			EC-1 Temp. Erosion Control/Potable Water							
			EC-2 Temp. Erosion Control/Access Rd/Sanitary Sewer							
			EC-3 Temp. Erosion Control Notes and Details							
			B-1 Log of Borings							
			B-2 Log of Borings							
CIVIL-1	6002	Calpine Letter 3/1/04	Linear Facilities: Roadway, Potable Water, Recycled Water, & Sewer CH2MHILL Hydrology Report 34 Pages	03/03/04	03/03/04	03/08/04	n/a	RS DW GC HK Approved	Returned by Don - approved as noted. Needs Stamp	
CIVIL-1		Calpine Trans. No. 03276	Gas Line Pressure Test	08/20/04				RS	FYI Only	
CIVIL-1		Calpine Trans. No. 2003	Coyote Meter Station	04/22/04			05/26/04	Not Approved	Design of fence grounding not provided.	
			CMS-GO-2, Rev. 4 Index							
			CMS-GO-1, Rev. 4 Cover Sheet							
			GMS-G1-1, Rev. 1, Site Plan							
			CMS-MO-O, Rev. 4, Process, Piping & Instrument-Legends							
			CMS-MO-1, Rev. 4, Process Flow Diagram							
			CMS-MO-2A, Rev. 4, Main Gas Supply							
			CMS-MO-2B, Rev. 4, Remove Shutoff Valve Controls							
			CMS-P5-1, Rev. 4 Main Gas, CPN Natural gas Fac.							
			CMS-P5-2, Rev. 4, Piping Sec. Main Gas, CPN Natural Gas Facilities							
			CMS-P5-3, Rev. 4, Piping Isometric Details							
			CMS-P5-4, Rev. 4, Piping Fabrication Details							
			CMS-P5-5, Rev. 2, Piping Details Pig Launcher							
			CMS-P5M-1, Rev. 4, Piping Bill of Materials							
			CMS-P5M-2, Rev. 4, Piping Bill of Materials							
			CMS-C1-1, Rev. 4, Structure Plan, Pipe Supports							
			CMS-C1-2, Rev. 1, Structure Details, Pipe Supports							
			CMS-C1-3, Rev. 1, Structure-Details, Pipe Supports							
			CMS-C1-4, Rev. 1, Structure-Details, Pipe Supports							
			CMS-C1-5, Rev. 3, Structure-Details, Pipe Support							

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Condition of Certification	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments or Action Required		Documents R/c'd	Rsp'd
				Issued Date	To Check	From Check	Resp' Date	Check By	Status		
CIVIL-1			CMS-C1-6, Rev. 4, Site Improvement Plan, Grading & Fencing								
			CMS-C1-7, Rev. 4, Site Improvement Details, Fencing								
			Calpine Trans. No. 2003								
			Gas Regulator Station	06/04/04	06/04/04	6/7/2004	HK	Approved			
			MEC-GO-1, Rev 7, Cover Sheet MEC Gas Regulator								
			MEC-GO-2, Rev 7, Gas Regulator Station								
			MEC-G1-1, Rev 6, Site Plan								
			MEC-G1-2, Rev 6, Gas Pipeline facilities								
			MEC-MO-0, Rev. 4, Process, Piping & Instrument Legends								
			MEC-MO-1, Rev. 4, Process Flow Diagram								
			MEC-MO-2A, Rev. 4, Piping & Instrument Diagram								
			MEC-MO-2B, Rev. 4, Piping & Instrument Diagram								
			MEC-MO-2C, Rev. 4, Remote Shutoff Valve Controls								
			MEC-MO-2D, Rev. 4, Air Supply & Distribution								
			MEC-P1-1, Rev 7, Piping Plot Plan								
			MEC-P3-1, Rev 6, Plan/Profile, 18" Gas Supply Line								
			MEC-P3-2, Rev 7, Plan/Profile, 16" Gas Supply Line								
			MEC-P5-1, Rev. 6, Main Gas, Processing Area								
			MEC-P5-2, Rev. 6, Main Gas, Gas Processing Area								
			MEC-P5-3, Rev. 6, Main Gas, Gas Processing Area								
			MEC-P5-4, Rev. 6, Main Gas, Gas Processing Area								
			MEC-P5-5, Rev. 6, Main Gas, Gas Processing Area								
			MEC-P5-6, Rev. 6, Main Gas, Gas Processing Area								
			MEC-P5M-1, Rev 6, Main Gas, Gas Processing Area								
			MEC-P5M-2, Rev. 6, Main Gas, Gas Processing Area								
			MEC-P7-1, Rev 4 Main Gas, Gas Regulator Area								
			MEC-P7-2, Rev 4, Main Gas, Gas Regulator Area								
			MEC-P7-3, Rev. 4, Main Gas, Gas Regulator Area								
			MEC-P7-4, Rev 4, Main Gas, Gas Regulator Area								
			MEC-P7-5, s1, Rev. 3, Main Gas, Gas Regulator Area								
			MEC-P7-5, s2, Rev. 3, Main Gas, Gas Regulator Area								
			MEC-P7-6, Rev. 3, Main Gas, Gas Regulator Area								
			M E C - P 7 M - 1 , Rev. 3, Main Gas, Main Regulator Area								
			MEC-P7M-2, Rev 3, Main Gas, Gas Regulator Area								
			MEC-C1-1s1, Rev. 3, Structure-Details, Gas Processing Pad Arrangement Gas Processing Area, Gas Reg. Station								
			MEC-C1-1s2, Rev. 3, Structure-Arrangement, Gas Regulator Area, Gas Regulator Station								
			MEC-C1-1s3, Rev. 3, Structure-Details, Equip. Supports, Gas Reg. Station								
			MEC-C1-1s4s1, Rev. 3, Structure-Details, Pipe Supports, Gas Reg. Station								
			MEC-C1-1s4s2, Rev. 3, Structure-Details, Pipe Support, Gas Reg.								
			MEC-C1-1s4s3, Rev. 3, Structure-Details, Pipe Supports, Reg. Station								
			MEC-C1-5, Rev. 3, Structure-Details, Bollards, Gas Reg. Stations								
			MEC-C2-1, Rev. 3, Structure-Details, Trench, Excavation & Backfilling								

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Review

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review / Approval Dates				Comments - Action Required		Submitted	Response	Documents
				Issued	Due	To Checker	From Response	Plan Check	Status			
STRUC-1	00005		CTG & STG Foundation Piling Drawings S110 Composite Pile Plan Rev A S111 Pile Sections and Details S200 CTG Pedestal Pile Location Plan S240 STG Pedestal Pile Location Plan	02/06/02 02/27/02	03/21/02			A-3/29/02		4	4	
STRUC-1	00006		Spec's for concrete curing, forming & Grout 03100, 03390 & 03600 Rev. A	2/15/02 03/8/02	03/15/02	See 00017			03/15/02			
STRUC-1	00011		CTG, STG & HRSG Pile Calculations	2/28/02 3/21/02	03/21/02			A-3/29/02		3	3	
STRUC-1	00013		Overdue Response Notification CBO 00005, 00006, 00007	03/11/02				Resp to 00005,00006, 6, 00007				
STRUC-1	3001		HRSG Foundation and Lateral calculations	08/09/01					C-9/28-01			
STRUC-1	3001		HRSG Structural Calculations	11/01/02					C-11/7/02			
STRUC-1	3001		HRSG - Frame corner connections, shear blocks, base plates and casting stiffeners						C-1/14/02			
STRUC-1	3002		Piling Specs (test piles) 02472, Concrete Filled Pipe Piles, Rev.C 02473 Pile Test Program Rev.0 03200 Concrete Reinforcement Rev 0 03300 Cast-In-Place Concrete Rev. 0 S108 Pile Load Test Plan Rev. 0. S109 Test Pile Sections & Details Rev. 0	01/31/02			03/01/02	See 00015	C-3/1/02			
STRUC-1	3002		Piling Specs (test piles) 02472, Concrete Filled Pipe Piles, Rev.C 02473 Pile Test Program Rev.A 03200 Concrete Reinforcement Rev.A 03300 Cast-In-Place Concrete Rev. A S108 Pile Load Test Plan Rev. D. S109 Test Pile Sections & Details Rev. D	03/14/02 03/21/02	03/21/02			A-3/29/02		6	6	
STRUC-1	3002	00089	Water Pipe Specification 03300 Dwg. For Circ. Water Pipe Support Frame	10/29/02 11/19/02					BB HK			
STRUC-1	3002	000153	Piling Specs: 1 Specification Spec# 02472-R4 Concrete Filled Pipe Piles Report on Seismic Design Motions	3/11/03 3/24/03						1		
STRUC-1	3004		Concrete Specs: 3 Documents						03/14/02			
STRUC-1	3006		Concrete formwork Curing & Grout Spec 03100, Concrete Curing Specs 03390 Rev. A and Grout, Spec 03600 Rev.A.	01/31/02								
STRUC-1	3006	00017	Spec's for concrete curing, forming & Grout 03100, 03390 & 03600 Rev. A	3/20/02 4/10/02					A-3/26/02			
STRUC-1	3007		Design Report for W501F Exhaust System Diffuser						A-4/24/02			
STRUC-1	3009	00008	HRSG Piles: Pile Location Plan S300	02/20/02 03/13/02	03/21/02				A-5/15/02			
STRUC-1	3010		Gas Turbine documentation									
STRUC-1	3010	00014	SWPC-CM-008 Enclosure "B" Side Platform Analysis SWPC-CM-009 Generator End Exterior Platform and Stair SWPC-CM-010 Exhaust End Exterior Platform and Stair SWPC-CM-011 Exhaust End Interior Platform and Stair	03/13/02 04/3/02	04/03/02	04/04/02	See 00031		C-4/3/02			
STRUC-1	3010	00031	Gas Turbine Document - Calculations and other documentation and Siemens Westinghouse response to Willdan's 4/3 Comments Dwg 17-001-HR.R1						A-5/31/02			
STRUC-1	3010	00071	Siemens Westinghouse: Dwg 17-001-HR.R2 General Arrangement 501FD Inlet Silencer System.	9/18/2002 10/10/2002						5	5	

METCALF DOCUMENT SUBMITTAL RECORD
CALPINNER AND CBO

WILLDAN CBO PROJECT NO. 13264

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments - Action Required		Documents	
				Issued	Due	To Checker	From Response Checker	Plan Check	Status	Submitted	Response
STRUC-1	3011	00016	Specs 01410 Rev. B - Testing Laboratory Services	3/18/2002	4/8/2002	as CBO 00026		A-4/8/02		1	1
STRUC-1	3012	00018	Civil Structural Design Criteria	3/20/2002	4/10/2002			N-4/18/02		1	NA
STRUC-1	3012	00026	Civil/Structural Design Criteria - fixed head moment values for each pile.	4/26/2002	5/17/2002			C-5/15/02		1	1
STRUC-1	3012	00018	Civil/Structural Design Criteria					See 00018 & 00026	A-5/15/02		1
STRUC-1	3012	000082	Civil/Structural Design Criteria Rev. 1	10/3/02	10/24/02			A-11/7/02		1	1
STRUC-1	3013	000019	Gen. Notes & Typical Detail Drawings S101, S680, S685, S690, S980, S981, S984, S985, S988, S989, S991, S5993 & S997 Rev.0	04/29/02	4/23/2002			A-4/30/02		13	13
STRUC-1	3013	000027	Gen. Notes & Typical Detail Drawings S101, S680, S685, S690, S980, S981, S984, S985, S988, S989, S991, S993 & S997 Rev.A	4/29/02	5/2/2002			A-4/30/02		13	13
STRUC-1	3013	000219	General Notes & Typical Details Structural: One Drawing	11/21/04				12/16/04	BB Approved	Modified based on CBO comments from Otay Mesa	13
			S-101-R1 General Notes								
			CTG, STG, HRSG Piles Calculations								
STRUC-1	3014	00022	Concrete Filled Pipe Piles, 02484-001-06-001 Rev. O Combust Turb Found Unit 1, 02484-001-06-004 Rev. O Steam Turb Found. 02484-001-06-005 Rev. O Mat Foundation for HRSG and Stack Unit 1, 02484-001-06-001 Rev. O Compos	4/4/02	4/25/02			04/26/02	see 00029	A-5/8/02	
STRUC-1	3014	00082	Composite Pile Plan: Drawing S110-R1	10/3/02	10/24/02					A-11/7/02	
STRUC-1	3014	000135	Composite Pile Plan: Drawing S110-R2 Pile Section Detail Drwg S111-R1	01/27/03	02/27/03	To Checker 1/29/03				GJB HK Approved Unstamped	
STRUC-1	3015	00023	HRSG & Stack foundation Mat Calc 02484-001-06-007 - Unit 2 S305 HRSG Plan Unit #4 Rev. 0 S306 HRSG Plan Unit #2 Rev 0 S307 HRSG Reinforcing Plan Unit #1 Rev 0 S308 HRSG Reinforcing Plan Unit #2 Rev 0 S310 HRSG Section & Details Unit	4/12/02	5/03/02					A-5/16/02	
STRUC-1	3016	00021	200 Gall Reservoir Hydraulic Power Unit/Sismic Calc.	04/02/02	04/23/02					A-5/10/02	
			CTG Foundation: Drawings & Cacls. - CTG Foundations Calcs 02484-001-06-004 CTG Units 1&2 Found. Rev.0								
STRUC-1	3017	00024	S205 CTG Units 1&2 Rev 0 S206 CTG Units 1&2 Rev 0 S208 CTG Units 1&2 Rev 0 S210 CTG Units 1&2 Rev 0	4/16/02	5/07/02			05/13/02		A-5/3/02	
STRUC-1	3017	00073	CTG: Revisions and Resubmittal with the new Pile capacities - 004Rev 1 Dated 9/13	9/19/02	10/3/02			JL	A-10/22/02		5
STRUC-1	3017	00095	CTG Foundation S205 Combustion Turbine Generator Units 1 & 2 Foundation Plan, Rev. 1 dated 10/29/02	11/5/02	11/26/02			hold		BB to research correspondence - Done Confirmed Pile Design Approved 4/05/03	1

METCALF DOCUMENT SUBMITAL RECORD
CALPINE/B&R AND CBO

WILDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments - Action Required		Submitted	Response
				Issued	Due	To Checker	From Checker	Plan Response	Status		
STRUC-1	3017	000177	CTG Foundation: 2 Drawings	07/09/03	not yet					BB found that S-205-R1 is a embedment dimensional drawing only and does not require CBO approval	2 0
			S205-R2 CTG 1&2 Foundation Plan								
			S208-R1 CTG 1&2 Section Details								
STRUC-1	3017	000179	CTG Circuit Breaker Platform: 2 Drawings	07/22/03	not yet						2 0
			S880-R1 CTG #1 Circuit Breaker Platform Sections and Details								
			S881-R1 CTG #2 Circuit Breaker Platform Sections and Details								
STRUC-1	3018	00030	Pile Testing Revised doc.: ECN 001 Revisions for Specs 02473, Drwg S108, S109.	05/07/02				see 3037	A-5/15/02	Superseded by 3037	4 4
STRUC-1	3018	00032	Doc. Review by Lowmyer Associate - ECN 001	05/20/02				see 3037	NA	Superseded by 3037	1 NA
STRUC-1	3018	00040	Pile Testing Revised documents ECR 003 Spec 02472 Concrete-filled pipe piles Rev. 1	6/20/02				see 3037	Superseded by 3037		
			S108, Pile Load Test Plan Rev 2	6/25/02							
STRUC-1	3018	00044	S109, Test Pile Sections and Details, Rev 2	6/27/02				see 3037	7/23/2002	Superseded by 3037	4
STRUC-1	3018	00059	Pile Test Program: Revised Documents - Drwg S108, Pile Load Test Plan, Rev.3	7/19/02	07/23/02			see 3037	8/6/02	4 sets of S108-R2 in trailer on 7-23-03	2
			Pile Test Program: (ECR No. 004) Revisions to pile test program	8/27/02						Superseded by 3037	1
			base on the test results obtained to date.								
STRUC-1	3019	00033	Specification: 3 Documents	5/24/02				A-6/14/02			3 3
			Spec# 01410-R0, Testing Laboratory Services	6/14/02							
			Spec# 05120-R0, Structural Steel								
			Spec# 13121-R0, Pre-Engineered Buildings								
STRUC-1	3019	000181	Specification: document	07/29/03						Packet has 2 documents. See 3025-000181 for other doc	
			Spec# 05120-R2, Structural Steel								
STRUC-1	3020	00034	Moved to Section 3023 STG Platform Foundation								

WETCAFF DOCUMENT SUBMITTAL RECORD
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COND. PKG. CBO Review/Approval Dates

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				Issued	Due	To Checker	From Response	Plan Check	Status			
STRUC-1	3020	00035	STG Platform Calcs	Void		JL	Void					
STRUC-1	3020	00066	STG Platform Calcs 0284-001-06-029 Rev 0 S701, S705, S706, S750, S751, S752, S755, S766, S775, S776, S800, S805, S810, S830 Rev. 0	8/30/02 9/23/02		JL	10/8/02 will resubmit		10/4 to City of Industry			
STRUC-1	3020	00087	STG Platform: 1 Calcs, 25 Drawings Calc 0284-001-06-029 R1, Steam Turbine Generator Platform S700-R0, Structural Steel Drawing List S701-R1, STG Platform F-Printing Plan at Elevat 295'-0 1/2"	10/28/02 11/18/02	11/06/02	11/18/02	Approval To Eng 01/23/03	JL	Approved Unstamped	Includes Calc's for Circ-water pipe sup dwg in 304-1-000050 Response from checker was misplaced for a while. Engineer inquiry 1/2/03		
			S705-R1, STG Platform Framing Plan at Elevat 295'-6"									
			S706-R1, STG Platform Framing Plan at Elevat 279'-8 1/2"									
			S707-R0, STG Platform Mezzanine Level Partial Plan									
			S708-R0, STG Platform Mezzanine Level Partial Plan									
			S750-R1, STG Platform Elevation Along Col.1 lines 1, 1.5 & 2									
			S751-R1, STG Platform Elevation Along Col. Lines 3 & 4									
			S765-R1, STG Platform Girt Elev At Col. Line 1, 1.5, D, 28C.4									
			S766-R1, STG Platform Girt Elevat Along Col. Lines G & 4.8									
			S775-R1, STG Platform Elevat Along Col. Lines A,B,C&C.4									
			S776-R1, STG Platform Elevat Along Col. Lines D, E, F & G									
			S800-R1, STG Platform Column Schedule									
			S805-R1, STG Platform Base Plate Details									
			S810-R1, STG Platform Steel Sections & Details									
			S811-R0, STG Platform Steel Sections & Details									
			S812-R0, STG Platform Steel Sections & Details									
			S813-R0, STG Platform Steel Sections & Details									
			S830-R1, STG Platform Stair #1 Plans									
			S831-R0, STG Platform Stair #2 Plans									
			S832-R0, STG Platform Stair #3 Plans									
			S833-R0, STG Platform Stair #1 Plans									
			S835-R0, STG Platform Stair #1 Sections									
			S836-R0, STG Platform Stair #1 Sections									
			S837-R0, STG Platform Stair #1 Sections									

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CALPINE/SBR AND CBO									
Package Title				Review / Approval Dates			Comments - Action Required		
Cond.	Pack. No.	CBO No.		Issued	Due	To Checker	From Checker	Plan Response	Status
				4/22/03 5/06/03	05/31/03	GJ	GJ	Approved by Checker	Submitted Response
STRUCT-1	3020	000163	S7G Platform:	28 Drawings (this batch was revised by BREI)				GJ Sent to JL in City of Industry. Approved by Steve Windhamer	28 28
			S700 - R1 Structural Steel Drawing List					CBO needs make Disposition and inform	
			S701 - R2 Framing Plan						
			S705 - R2 Framing Plan						
			S706 - R2 Framing Plan						
			S707 - R1 Mezzanine						
			S708 - R1 Mezzanine						
			S709 - R0' Checkered Plate						
			S715 - R2 Pedestal Access Platform						
			S750 - R2 Elevations along Column line						
			S751 - R2 Elevations along Column line						
			S752 - R2 Elevations along Column line						
			S765 - R2 Girder Elevations						
			S766 - R2 Girder Elevations						
			S770 - R0' Removable Panel Details						
			S771 - R0' Removable Panel Details						
			S775 - R2 Elevations along Column line						
			S776 - R2 Elevations along Column line						
			S805 - R2 Base Plate Details						
			S810 - R2 Steel Sections						
			S811 - R1 Steel Sections						
			S813 - R1 Steel Sections						
			S830 - R2 Stair #1						
			S831 - R1 Stair #2						
			S832 - R1 Stair #3						
			S835 - R1 Stair #1 Section						
			S836 - R1 Stair #2 Section						
			S837 - R1 Stair #3 Section						
STRUCT-1	3020	000205	Drawings & Calculations for Steam Turbine Platform				10/22/2003	Approved	
			S835, Reh. 2, Steam Turbine Platform Stair #1						
STRUCT-1	3020	000215	Drawings for Steam Turbine Platform				11/12/2003	Approved	
			A205, Rev. 0, Ground Floor Plan						
			A206, Rev. 0, Mezz. Floor Plan						
			A240, Rev. 0, Wall Elevations						
			A241, Rev. 0, Wall Elevations						
			A255, Rev. 0, Wall Sections						
			A260, Rev. 0, Typ Penetration Details						
			A275, Rev. 0, Door & Hardware Schedule						
			A276, Rev. 0, Steam Turbine Platform Details						
STRUCT-1	3020	000222	Steam Turbine Platform				12/5/2003	Approved	
			S751, Rev. 3, Steam Turbine Platform Elevations						
			S765, Rev. 3, Steam Turbine Platform Girder Elevations						
			S812, Rev. 2, Steam Turbine Platform Steel Sec. & Details						
STRUCT-1	3020	000237	Steam Turbine Platform				3/15/2004	Approved	
			S701, Rev. 4, Platform Framing Plan						
			S708, Rev. 2, Platform Operating & Mezz. Level Part Plan						

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STRUC-1	3021	00036	Siemens Westinghouse Documents - Design and Load Calculations for Gland Seal Steam Skid W501F Turbine Enclosure Structure-CT Pipe Rack Structure-Design and Load Calculations for Leakoff Steam DS Skid-Condenser Foundation Arrangement and Foot Loads-Design	6/27/02 7/10/02		JL	N-7/10/02					
STRUC-1	3021	00049	Siemens Westinghouse Documents 000-000-125-740 Found. Loads and Anchoring/Steam Turbine Seismic Loads 000-000-125-714 Struc Calcs & Drawings	07/09/02		HK				Sent to JL (Industry 10/4)		3
STRUC-1	3021	00093	Design Calculations for Vacuum Pump Skid for Main Steam Condenser - SC-26787-CBO	11/01/02								1
STRUC-1	3021	00106	Siemens Westinghouse Calculation Revisions 1.) CTG Pipe rack structure SWPC-CM-007 2.) Design & load calculations for ST tube oil module 43237-LOAD 3.) Design & load Calc for leakproof DA 182 5.)Condenser	11/21/02								5
STRUC-1	3021	00108	Siemens Westinghouse Doc. Condition of Certification 1.) Steam Turbine Cross-over Pipe Calculations SWPC# 000-000-140 4/77	11/25/02								
STRUC-1	3021	00178	Siemens Westinghouse: Grand Seal Condenser 1 Calculation Calc: Howard Martin # 43225-Load	07/11/03	no yet							1
STRUC-1	3022	00037	Roadway: Moved to CIVIL Section	00/00/00 00/00/00								
STRUC-1	3022	00056	Roadway: Moved to CIVIL Section	08/02/02								1
STRUC-1	3022	00062	Roadway: Moved to CIVIL Section	08/22/02 08/21/02								3
STRUC-1	3022	00113	Roadway: Moved to CIVIL Section	12/6/2002 00/00/00								2
STRUC-1	3022	000118	Roadway: Moved to CIVIL Section	12/23/02 01/07/03								2
STRUC-1	3020	00034	STG Platform Piles: Drawings and Calculations 02484-001-06-028 STG Foundation Rev. 0	See000066 10/7/02						Approved but it was resubmitted as 3023 STG Platform Foundation Approved before Soil Analysis Change		2
STRUC-1	3023	00038	STG Platform Foundation: 7 Drawings: 1 Calculation Calc: 02484-001-06-028, R1 STG	6/19/02						David Newman responded with 8 comments		8
			ST120-R1, Steam Turbine Platform Pile Plan									
			ST125-R0, Steam Turbine Platform Foundation Plan									
			ST135-R0, Steam Turbine Platform Pile Cap Details									
			ST190-R0, Steam Turbine Platform Sections & Details									
			ST191-R0, Steam Turbine Platform Sections & Details									
			ST192-R0, Steam Turbine Platform Anchor Bolt Schedule									
			ST193-R0, Steam Turbine Platform Enlarged Foundation Plan									
STRUC-1	3023	00061	STG Platform Foundation:	8/15/02								4
			1 Letter, 1 Cac, 2 Drawings	10/04/02								4
			Letter: 8/15/02 Response to CBO comments	JL						BREI responds to DN comments		
			Calc: 02484-001-06-028 R2, STG Platform Foundation Design									
			ST125-R1, Steam Turbine Platform Foundation Plan									

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STRUC-1	3023	00088	S180-R0, Steam Turbine Platform Sections & Details 6 Drawings, 1 Calc.	10/28/02	11/06/02			EM GJ	Approved	Calcs only to GJ on 11/6/02 File Plans approved	7	7
			STG Platform Foundation: Calc: 02484-001-06-028, R3 STG Platform Foundation Design									
			S120-R2, Steam Turbine Platform Pile Plan									
			S125-R2, Steam Turbine Platform Foundation Plan									
			S135-R1, Steam Turbine Platform Pile Cap Details									
			S190-R2, Steam Turbine Foundation Sections & Details									
			S191-R1, Steam Turbine Foundation Sections & Details									
			S192-R1, Steam Turbine Platform Anchor Bolt Schedule									
STRUC-1	3023	00086	STG Platform Foundation Plan, Dated 11/01/02	11/05/02	11/06/02			EM GJ	Approved see Below		1	1
			S193-R1	11/06/02							2	2
STRUC-1	3023	00103	STG Platform Foundation: Response by Burns and Roe, Revised Drawing	11/03/02	01/15/03			GJ	Approved see Below			
			Letter: 11/13/02 Response to CBO comments	12/04/02								
STRUC-1	3023	000131	S192-R2, Steam Turbine Platform Anchor Bolt Schedule	01/17/03	01/23/03			GJ	Approved	7/09/03	14	
			STG Platform Foundation: 1 Letter, 2 Calc, 11 Drawings	02/07/03								
			Calc: 02484-001-06-039, R0 Design of Slab STG									
			Calc: 02484-001-06-040, R0 STG Stair Tower- Foundation									
			S120-R0, STG Platform Pile Plan									
			S125-R3, STG Platform Foundation Plan									
			S135-R2, STG Platform Foundation Pile Cap Details									
			S160-R0, STG Area Slab Plan At E1.255'-6" 1/17/03									
			S161-R0, STG Area Enlarged Slab Plan '1'At E1.255'-6"									
			S162-R0, STG Area Enlarged Slab Plans '2' & '3' At E1.255'-6"									
			S170-R0, STG Area Slab Plan At E1.295'-0" 1/27/03 (Spring Floor)									
			S171-R0, STG Area Elevated Slab Details (Operating Floor)									
			S190-R3, STG Platform Foundation Sections & Details									
			S191-R3, STG Platform Foundation Sections & Details									
			S192-R3, STG Platform Anchor Bolt Schedule									
STRUC-1	3023	000173	STG Platform Foundation: 2 Drawings	01/10/03	6/27/03			GJ	Pending		2	2
			S171-R1, STG Area Elevated Slab Details (Operating Floor)									
			S193-R2, Steam Turbine Platform Enlarged Foundation Plan									
STRUC-1	3023	000180	STG Platform Foundation: 2 Drawings	7/22/03	not yet							
			S171-R2, STG Area Elevated Slab Details (Operating Floor) Active Drawings and Cakes for Final CBO Binder									
			Calc: 02484-001-06-028, R3 STG Platform Foundation Design									
			Calc: 02484-001-06-039, R0 Design of Slab STG									
			Calc: 02484-001-06-040, R0 STG Stair Tower- Foundation									
			S120-R3, STG Platform Pile Plan									
			S125-R3, STG Platform Foundation Plan									
			S135-R2, STG Platform Foundation Pile Cap Details									
			S160-R0, STG Area Slab Plan At E1.255'-6" 1/17/03									
			S161-R0, STG Area Enlarged Slab Plan '1'At E1.255'-6"									
			S162-R0, STG Area Enlarged Slab Plans '2' & '3' At E1.255'-6"									

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/R&C CO.

WILLDAN CBO PROJECT NO.: 13254

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				Issued	Due	To Checker	From Checker	Plan Check	Status	Submitted	Response
STRUC-1	3023A	00065	STG Access Stair: 1Drawing, 1Calc. Calc. 024-001-06-030 Exciter Access Stairs & Platform	09/20/02	12/19/03	GJ	[REDACTED]				
STRUC-1	3023A	000133	STG Access Stair: 1 letter, 1 drawing Letter: 11/15/03 Response to CBO Comments	01/17/03 02/07/03	01/29/03	02/06/03	GJ	Checker Approved		2	2
STRUC-1	3024	00039	Visual Screen Foundation: Design Loads - Calculations and Dwg SS-1A, Foundation Load Plan	6/20/02	07/23/02	See 00068	N-7/23/02		Need comments back, more detail	10	
STRUC-1	3024	00058	Visual Screen: Detail Calculations and Dwg SS-1 to SS9	7/12/02 8/02/02 8/23/02						1	1
STRUC-1	3024	00068	Visual Screen: Burns & Roe Response to Willdan-David Newman Foundation Load Plan dwg SS-1-A	09/05/02 09/27/02	To Check 10/29/02	From Check 10/30/02	GJ EM	Approved Unstamped	Batt found approval comments 1/29/03	11	11
STRUC-1	3024	000134	Visual Screen: 1 Calc, 10 Dwgs: Calculation GHL# 201044.03 SS-1,Rev 1 Foundation Plan SS-1,A,Rev 1 Foundation Load Plan SS-2, Rev 1 Foundation Pile Details - Not Approved SS-3, Rev 1 Foundation Pile Cap Detail PC-3A & Pile Section SS-4, Rev 1 Foundation Pile Cap Detail PC-3C SS-5, Rev 1 Foundation Pile Cap Detail PC-5A SS-6, Rev 1 Foundation Pile Cap Detail PC-5B SS-7, Rev 1 Foundation Pile Cap Detail PC-7D SS-8, Rev 1 Foundation Pile Cap Detail PC-20A SS-9, Rev 1 Piers on Two HRSG Bases - Not Approved	01/21/03 02/11/03	1/29/2003 01/31/03	03/12/03	GJ	Partial Approval	Status: 14" Pile Design Approved Basic Foundation Piers Approved Required: Base Plate Calculations (SS-2 Not Approved) Calculation of HRSG #2 Foundation (SS-8 Not Approved)	2	2
STRUC-1	3025	00041	Specifications: 3 Documents Spec# 02721-R0 Aggregate Base Course Spec# 02140-R0 Asphalt Paving Spec# 03200-R1 Concrete Reinforcement	6/24/2002					A-7/23/02 Will resubmit 2 copies	6	
STRUC-1	3025	000181	Specifications: 1 Document Spec# 03200-R2 Concrete Reinforcement Spec# 05120-R2 Structural Steel	07/29/03					Packet has 2 documents. See 3018-000181 for other doc		
STRUC-1	3026	00042	Pile Submittals-MORT 01-00-0012 Pile Driving Hammer MORT.01-00-0003-Pile Driving Crane Data Sheet MORT.01-00-0004-Pile Driving Analyzer Data Sheet MORT.01-00-0005-Ground Vibration Equipment Data MORT.01-00-0006-Noise Monitoring Plan MORT.01-00-0009-Pile L	06/26/02	To Check 10/04/02	JL			Sent to JL (Industry 10/4) May have been returned. Needs "Black-Box" review See 3018-000181 for other doc	1	1

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				Issued	Due	To Checker	From Checker	Plan Check	Status			
STRUC-1	3027	00043	Cooling Tower Calcs Rev. 0	6/27/02 7/22/02	7/23/2002			N-7/23/02 Rejected		8	8	
STRUC-1	3027	00060	Cooling Tower Foundation: Burns & Roe response to 00043	8/12/02 9/04/02	10/10/02		see CBO 00076	10/10/02 superceded		7	7	
			Calculations 02484-001-06-010 Rev 1									
			S350, R-1 Pile Plan									
			S351, R-1 Pile Plan									
			S352, R-1 Pile Plan									
			S355, R-1 Foundation Plan									
			S356, R-1 Foundation Plan									
			S356, R-1 Foundation Plan									
			S357, R-1 Foundation Plan									
			S363, R-1 Sections & Details									
STRUC-1	3027	00076	Cooling Tower: Dwgns & Calc. Cooling tower Basin redesign for pile capacity Calcs 02484-001-06-010 Rev 2	10/9/2002				C-10/15/02	Conditionally approved by Don Wimberly Approved Disposition dated 10/22/02	5	5	
			S350, R-2 Pile Plan									
			S351, R-2 Pile Plan									
			S352, R-2 Pile Plan									
			S355, R-2 Foundation Plan									
			S356, R-2 Foundation Plan									
			S363, R-2 Foundation Sections & Details									
STRUC-1	3027	00094	Cooling Tower: Piles in Pump Pit Area and Inlet Header Foundations Cooling Tower Pile	11/04/02 11/18/02	To Checker 11/08/02	Fro Check 11/13/02	To Engineer EM GJ 11/13/02	Approved Unstamped	CT Piles (less pump pit area) were approved via BB e-mail on 11/13/02 with comments resulting in correspondence. Pump-Pit Piles were Ok'd by GJ e-mail of 11/15/02 and via EM e-mail on 11/19/02.	8	8	
			Pump Pit Found Calcs 02484-001-06-011 Rev. 0 Circ Water Pipe Support Calcs 02484-001-06-034 Rev. 0									
			S350, R-3 Pile Plan									
			S351, R-3 Pile Plan									
			S352, R-3 Pile Plan									
STRUC-1	3027	000101	Cooling Tower Structure & Foundations dated 11/01/02	11/07/02 11/29/02	To Checker 11/13/02	Fro Check 11/18/02	To Engineer EM GJ 11/25/02	Re-designed	Pump pit structure comments were significant. Pump area was re-designed and submitted on CBO #000117 on	6	6	
			Calcs 02484-001-06-011 submitted in previous packet.									
			S360, R-0 Foundation Plan									
			S361, R-0 Operating Floor Plan									
			S364, R-0 Structure Section & Details									
			S365, R-0 Pump Structure Foundation Sections									
			S366, R-0 Structure Sections & Details									
			S367, R-0 Trash Screen Details									
			S368, R-0 Stop Gate Details									
STRUC-1	3027	000115	Cooling Tower Foundation:	12/11/02 1/02/03	To Checker 12/13/02	Fro Check 12/18/02	To Engineer GJ 12/20/02	Not Approved	Comments need response from engineer	7	3	

WILDCALF DOCUMENT SUBMITTAL RECORD										
CALIFORNIA STATE WATER RESOURCES CONTROL BOARD AND CBO										
WILLDAN CBO PROJECT NO. 13254										
Cond.	Pack. No.	CBO No.	Package Title			Review /Approval Dates				Comments - Action Required
						Issued	Due	To Checker	From Checker	Plan Response
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										Status
										Submitted Response
STRUC-1	3027	000117	S355, R-3 Foundation Plan				12/23/02 01/15/03			
			S356, R-3 Foundation Plan				To Checker 01/07/03			
			S357, R-3 Foundation Plan				GJ			
			S362, R-0 Support Foundations:Plans, Sect. & Detail							
			S363,R-3 Foundation Sections & Details							
			S368,R-1,Structure Stop Gate Details							
			Cooling Tower Pump Structure Dwg& Calc.							
			Calc: 02484.001-06-011							
STRUC-1	3027	000125	S361,R-1,Operating Floor Plan							
			S364,R-1 Sections and Details							
			S365,R-1 Sections & Details							
			S366,R-1, Sections & Details							
			S367,R-1, Trash Screen Details							
			S368,R-2, Stop Gate Details							
			Cooling Tower Foundations: Drawings, Response to Comments				01/03/02 01/23/03			
			To Checker 01/09/03				Approved 01/21/03			
STRUC-1	3027	000143	S355,R-4 Foundations: Plans							
			S356,R-4 Foundation Plan							
			S357,R-4, Foundation Plan							
			S362,R-1, Foundation Plan Sections & Details							
			S363,R-4, Foundation Sections & Details							
			Cooling Tower Pump Structure				2/10/2003			
			S361, Rev. 2, Operating Floor Plan							
			S364, Rev. 2, Structure Section & Details							
STRUC-1	3027	000192	S366, Rev. 2, Pump Structure & Details							
			S368, Rev. 3, Pump Structure Stop Gate Details							
			Cooling Tower and Pump Structure and Foundations				9/8/2003			
			S365, Rev. 5, Foundation Plan							
			S357, Rev. 5, Foundation Plan							
			S360, Rev. 1, Pump Structure Foundation Plan							
			S361, Rev. 3, Pump Structure Operating Floor Plan							
			S363, Rev. 5, Foundation Sections & Details							
STRUC-1	3027	000221	S364, Rev. 3, Structure Sections & Details							
			S365, Rev. 2, Pump Structure Foundation Sections							
			S366, Rev. 2, Structure Sections & Details							
			S368, Rev. 4, Structure Stop Gate Details							
			S360, Rev.1,Access Stair Plan,Section and Detail							
			Cooling Tower Pump Structure				12/5/2003			
			2 Drawings							
			S355, R-6, Foundation Plan							
			S363, R-6,Foundation Sections & Details							

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Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments - Action Required		Submitted	Response	Documents
				Issued	Due	To Checker	From Checker	Plan Check	Status			
STRUC-1	3027-B	000127	Cooling Tower Pump Structure: Supplemental Drawing S260-R0 Access Stair	01/07/03 01/28/03	To Checker 01/09/03	02/06/03	GJ	Checker Approved	Minor Structure / Not sent to checker	18	NA	
STRUC-1	3027-B	000206	Cooling Tower Pump Structure: 1 Drawing S-860-R2 Access Stair	10/22/2003								
STRUC-1	3028	00045	STG Pedestal: 17 Drawings 1 Calc. Calc: 0284-001-06-005_R0 S245-R0, STG/Generator Pedestal Foundation Plan	6/27/02 7/22/02		7/23/2002	DN	Not Approved	Significant number of comments by David Newman on July 23 2002 but replied to on 3032-00055 (below) and later approved. CBO to check note on what this supercedes. Note said "supercedes 3020-0003".			
		*	S246-R0, STG/Generator Pedestal Foundation Sections & Detail	Approved	Superceded							
			S247-R0, STG/Generator Pedestal Misc. Sections & Details	Not OK	Superceded							
			S248-R0, STG/Generator Pedestal Operating Floor Plan	Approved	Superceded							
			S250-R0, STG/Generator Pedestal Operating Floor Embroid Plan	Approved	Superceded							
			S255-R0, STG/Generator Pedestal Operating Floor Reinforce Pla	Approved	Superceded							
			S260-R0, STG/Generator Pedestal Operating Floor Reinforce Pla	Approved	Active							
			S265-R0, STG/Generator Pedestal Concrete Section	Approved	Superceded							
			S266-R0, STG/Generator Pedestal Concrete Section	Approved	Superceded							
			S267-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded							
			S268-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded							
			S269-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded							
			S270-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded							
			S271-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded							
			S272-R0, STG/Generator Pedestal Concrete Sections	Approved	Not OK							
			S273-R0, STG/Generator Pedestal Concrete Sections & Detail	Not OK	Superceded							
			S275-R0, STG/Generator Pedestal Embroid Sections & Detail	Approved	Superceded							
			S276-R0, STG/Generator Pedestal Embroid Sections & Detail	Approved	Superceded							
STRUC-1	3032	00055	STG Pedestal: 1 Letter, 4 Drawings	08/10/02 xx	xx	10/28/02	JL	Approved		5	5	
			Letter: 8/10/02 Response to CBO comments of 7/23/02	Approved	NA							
			S246-R1, STG Pedestal Foundation Sections & Details	Approved	Superceded							
			S272-R1, STG Pedestal Concrete Sections	Approved	Superceded							
			S273-R1, STG Pedestal Concrete Sections	Approved	Superceded							
			S275-R1, STG, Pedestal Embroid Sections & Details	Approved	Superceded							
			STG Pedestal Foundations Filing:	10/03/02								
			2 Calculations and 1 Drawings	10/10/02								
			Calc: 0284-001-06-005-R2 STG Pedestal Pile Foundation Design	Approved	Active							
			S240-R1, STG Pedestal Pile Plan	Approved	Active							
STRUC-1	3028	00154	STG Pedestal: 11 Drawings	3/21/03 4/04/03	05/30/03	06/04/03	GJ	Approved	One comment on Rebar spacing affecting 1 drawings only resolved between checker	11	11	
			S245-R1, STG Pedestal Foundation Sections	Approved	Superceded							
			S247-R1, STG Pedestal Misc. Sections	Not OK	Superceded							
			S250-R1, STG Pedestal Foundation Floor Plan	Approved	Superceded							
			S255-R1, STG Pedestal Operating Floor Embroid Plan	Approved	Active							
			S265-R1, STG Pedestal Concrete Section	Approved	Superceded							
			S269-R1, STG Pedestal Concrete Sections	Approved	Superceded							
			S270-R1, STG Pedestal Concrete Sections	Approved	Active							
			S271-R1, STG Pedestal Concrete Sections	Approved	Superceded							
			S275-R2, STG Pedestal Concrete Sections	Approved	Active							
			S276-R1, STG Pedestal Imbedment Sections	Approved	Superceded							

METCALF DOCUMENT SUBMITTAL RECORD

WILLI DAN CBO PROJECT NO 13254

METCALF DOCUMENT SUBMITTAL RECORD
CALPIN/BB&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates				Comments - Action Required		Submitted	Response	Documents
				Issued	Due	To Checker	From Checker	Plan Check	Status			
STRUC-1	3028A	00098	STG Pedestal Access Platform: 1 Calculation, 1 Drawing Calcs. 02484-001-06-033, STG Platform 275'-6"-Steel Design	11/07/02 11/27/02	To Checker 1/12/2002	12/15/2003 11/25/02	GJ	Not Approved	Significant comments on drawing S715 and one Calculation comment precludes approval at this time.			
STRUC-1	3028A	000145	STG Pedestal Access Platform: 1 Letter, 1 Drawing Letter: 2/28/03 Response to CBO comments 1/14/03 S715-R1, STG Generator Pedestal Access Platform	02/28/02 03/14/02	03/07/03	3/14/2003 03/25/02	GJ	Checker Approved				2
STRUC-1	3028B	000152	Circ Water Pipe with Calc from 3020 Moved to Section 3041 Cir Pipe Support	03/12/03 03/24/03								2
STRUC-1	3029	00047	CTG: S2056ctg Units 1 & 2 Rev 1	07/22/02 07/25/02					C-9/30/02 Varial	Disposition dated 10/9/02		4
STRUC-1	3029	000120	CTG Containment Trench: 1 Calculation and 2 drawings Calc# 02484-001-06-041	12/27/02	01/07/03	01/15/03 01/22/03	GJ	Approved with Note	Note says suggest providing expansion joints. See Packet # 3059 for Revised Drawing			1
STRUC-1	3029	000223	S-225-R0 S-226-R0 S-227-R0									
STRUC-1	3029	NOTE	S-226,R1 is in Submittal No. 3059-000-182									
STRUC-1	3030	00052	CTG Containment Trench: S225, R2, Unit 1- Plan S226, R2, Unit 2 - Plan							Approved		
STRUC-1	3031	00053	Drawing S108, Rev 4							A-9/30/02		2
STRUC-1	3031	00079	Precast Concrete Electrical Manholes, Rev 0 Spec. 02885 02315 Earthwork Rev 0	07/23/02 08/12/02						C-10/9/02		2
STRUC-1	3031	00079	Earthwork Specifications: 2 Specifications Spec. 02315 Rev 1 Earthwork	07/26/02 08/16/02						EM	Being reviewed by Eric Moran	
STRUC-1	3031	000148	Spec. 02821 Rev 0 Chain Link Fences and Gates Earthwork Specification: Spec. 02315, Rev. 2	09/30/02 10/17/02						RS		0

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				Issued	Due	To Checker	From Response	Plan Check	Status				
STRUC-1	3032	000055	Moved to Section 302B	08/01/02 08/22/02									
STRUC-1	3034	000063	BOP Electrical / Control Building: Calc: 0284-4001-06-032	08/22/02 09/13/02	1/28/2003	02/03/03	verbal CBO meeting 2/04	EM HK	Approved Untimestamped	History: Not listed here till 1/25/02. Sent to EM on 10/16/02 Re-sent as noted. EM approved over phone	14	14	
		A100-R0		Active									
		A105-R0		Active									
		A131-R0		superceded									
		A133-R0		superceded									
		A140-R0		superceded									
		A141-R0		superceded									
		A150-R0		superceded									
		A158-R0		superceded									
		A175-R0, BOP Elec/Ctrl Bld Door & Finish Schedules & Types		superceded									
		A180-R0, BOP Elec/Ctrl Bld Typ Door Frame & Louver Details		superceded									
		SE20-R0, BOP Elec/Ctrl Bld Root Framing Plan		superceded									
		SE21-R0, BOP Elec/Ctrl Bld Roof Slab Plan		superceded									
		SE22-R0, BOP Elec/Ctrl Bld Sections & Details		superceded									
STRUC-1	3034	000174	BOP Electrical / Control Building: 11 Drawings	6/10/03 6/24/03			HK			Needs to be Reviewed for changes			
		A131-R1, BOP Elec/Ctrl Bld Root Plan											
		A133-R1, BOP Elec/Ctrl Bld Typ Roof Penetration Details											
		A140-R1, BOP Elec/Ctrl Bld South & East Elevations											
		A141-R1, BOP Elec/Ctrl Bld North & West Elevations											
		A150-R1, BOP Elec/Ctrl Bld Wall Sections & Partition Types											
		A158-R1, BOP Elec/Ctrl Bld Misc Wall Sections & Details											
		A175-R1, BOP Elec/Ctrl Bld Door & Finish Schedules & Types											
		A180-R1, BOP Elec/Ctrl Bld Typ Door Frame & Louver Details											
		SE20-R1, BOP Elec/Ctrl Bld Root Framing Plan											
		SE21-R1, BOP Elec/Ctrl Bld Roof Slab Plan											
		SE22-R1, BOP Elec/Ctrl Bld Sections & Details											
		Electrical Equipment Plan BOP Electrical/Control Bldg.		7/6/2004		7/7/2004				Comments from Elias in BOP Folder			
STRUC-1	3035	Calpine Trans. 02752											
STRUC-1	3035	00085	Siemens STG Enclosure		10/15/02 11/04/02					2	0		
STRUC-1	3036	00070	CTG Inlet Air Filter & Silence foundation: Calcs 02484-4001-06-027 Rev 0 Drawing S220 Rev 0		09/17/02 10/01/02					3	0		

DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILL DAN CBO PROJECT NO. 13254

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review / Approval Dates				Comments - Action Required		Submitted	Response	Documents	
				Issued	Due	To Checker	From Checker	Plan Check	Status				
STRUC-1	3042-A	00111	Pipe Rack Foundation and Piles: Drawings & Calculations Pipe Rack Foundations, Calc# 02484-001-06-023 Rd, Draw# S330R0, S340R0, S350R0, S355R0, S3552R0, S3553R0	11/29/02	12/04/02	To Checker	From Check	To Engineer	GJ-EM : Not Approved	Eng. needs to get pile commitment resolved.	5	0	
STRUC-1	3042-A	000123	Pipe Rack Foundation and Piles: Response to CBO comments, Calc# 02484-001-06-023 Dwg# S540 R1, S552 R1, S553 R1	12/31/2002	1/7/2003	Recom'd Approve	GJ	Files Approved		Remaining comments can be resolved later			
STRUC-1	3042-A	000155	Draiwings for Pipe Rack Foundations Drawing S540-R2, Pipe Rack Foundation plan Drawing S550-R1, Pipe Cap Details Drawing S551-R1, Pipe Cap Details Drawing S552-R2, Pipe Rack Foundation Sections and Detail	03/21/03	Verify and Send					BB to review & prepare comments. Minor comment. Add a note on dwg: 540	4	0	
STRUC-1	3042-A	000225	Draiwings for Pipe Rack Steel and Foundations S-540, Pipe Rack Foundation Plan, Rev. 3 S-550, Pipe Rack Foundation Pile Cap Details, Rev. 2 S-553, Pipe Rack Foundation Sections and Details, Rev. 3 S-932, Pipe Rack Misc. Framing Plans, Rev. 3 S-968, Pipe Rack Misc. Sections and Details, Rev. 1	1/5/2004	Approved					Find - Need to get to checker	5	0	
STRUC-1	10	00062	S530-R0, Pipe Location Plan S540-R2 & R3, Pipe Rack Foundation plan Drawing S550-R1 & R2, Pipe Cap Details Drawing S551-R1, Pipe Cap Details Drawing S552-R2, Pipe Rack Foundation Sections and Detail S-553, R2 & R3 Pipe Rack Foundation Sections and Details										
STRUC-1	10	00062	Pipe Rack Structure: Calcs 02484-001-06-022, Pipe Rack Steel Design, Rev. 0 Dwg# S300, S301, S302, S303, S304, S305, S306, S307, S308, S309, S310, S311, S312, S313, S314, S315, S316, S317, S318, S319, S320, S321, S322, S323, S324, S325, S326, S327, S328, S329, S330, S331, S332, S333, S334, S335, S336, S337, S338, S339, S340, S341, S342, S343, S344, S345, S346, S347, S348, S349, S350, S351, S352, S353, S354, S355, S356, S357, S358, S359, S360, Rev 0 dated 10/							Major Scope: Significant number of comments need to be resolved	7	7	

NETCAFE DOCUMENT SUBMITTAL RECORD
CALPINE BAR AND CBO

WILLDAN CBO PROJECT NO. 13256

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments - Action Required			Submitted	Response	Documents
				Issued	Due	To Checker	From Checker	Plan Response	Status				
STR-1	3042-B	000132	Pipe Rack Foundation: New Steel Platforms Calculation 02484-001-06-044-R0, Pipe Rack-Misc. Steel Platform Design Drawing S933-R0, Pipe Rack Misc. Access Platform Framing Plans, Sections Drawing S934-R0, Pipe Rack Misc. Access Platform Framing Plans, Sections	1/17/2002	1/23/2003	2/24/2003	GJ	Not Approved by Checker				30	
STRUC-1	3042-B	000140	Pipe Rack Structure: 1 Calculation 25 Drawings Draws: S935-R2, S900-R1, S901-R1, S902-R1, S903-R1, S904-R1, S905-R1, S906-R1, S930-R1, S931-R1, S932-R1, S940-R1, S941-R1, S942-R1, S943-R1, S944-R1, S945-R1, S946-R1, S947-R1, S953-R1, S954-R1, S955-R1, S956-R1, S957-R1, S958-R1, S959-R1, S960-R1, S967-R1 Calc# 02484-001-06-22-R1	02/05/03	2/28/2003	3/6/2003	GJ	Not Approved by Checker					
STRUC-1	3042-B	000220	Drawing for the Pipe Rack	11/26/2003									
			S-900 Pipe Rack Overall Isometric View, Rev. 1										
			S-906 Pipe Rack Framing Plan, Rev. 2										
			S-929 Pipe Rack Misc. Framing Plan, Rev. 0										
			S-930 Pipe Rack Misc. Framing Plan, Rev. 2										
			S-932 Pipe Rack Misc Framing Plans, Rev. 2										
			S-941 Pipe Rack Elevation Along Col. Line 6, Rev. 2										
			S-944 Pipe Rack Elevations Along Col. E.2, Rev. 2										
			S-945 Pipe Rack Elevations Along Col. Line D.2, Rev. 2										
			S-950 Pipe Rack Elevations Along Col. Lines F & E.6, Rev. 2										
			S-954 Pipe Rack Elevations Along Col. Lines 7,8, & 9, Rev. 2										
			S-965 Pipe Rack Misc. Sections & Details, Rev. 2										
			S-966 Pipe Rack Misc. Sections & Details, Rev. 1										
			S-967 Pipe Rack Misc. Sections & Details, Rev. 1										
			S-968 Pipe Rack Misc., Sections & Details, Rev. 0										
STRUC-1	3042-B	000229	Pipe Rack Steel Structure:	01/20/04									
			S-929-R1-Pipe Rack Misc. Framing Plan										
			S-940-R2 - Pipe Rack E elevations										
			S-941-R3 - Pipe Rack E elevations										
			S-942-R2 - Pipe Rack E elevations										
			S-943-R2 - Pipe Rack E elevations										
			S-944-R3 - Pipe Rack E elevations										
			S-945-R3 - Pipe Rack E elevations										
			S-950-R3 - Pipe Rack E elevations										
			S-951-R2 - Pipe Rack E elevations										
			S-952-R2 - Pipe Rack E elevations										
			S-953-R2 - Pipe Rack E elevations										
			S-954-R3 - Pipe Rack E elevations										
			S-955-R2 - Pipe Rack E elevations										
			S-956-R2 - Pipe Rack E elevations										
			S-965-R3 - Pipe Rack Misc. Sections & Details										

METCALF DOCUMENT SUBMITTAL RECORD CALPIKE J&R AND CBO										
WILLDAN CBO PROJECT NO. 13254				Review / Approval Dates						
Cond.	Pack. No.	CBO No.	Package Title	Issued	Due	To Checker	From Checker	Response	Plan Check	Status
STRUC-1	3042-B	000238	Pipe Rack Steel Structure: S-902-R2- Pipe Rack Framing Plan	1/20/2004						
STRUC-1	3044	00097	STG Main Step-up Transformer: 1 Calculation, 4 Drawings Calcs 024-84-001-06-008	11/07/02				08/13/03	GJ	Approved
			S-567-R0							
			S-570-R0							
			S-577-R0							
			S-578-R0							
STRUC-1	3044	00110	STG Main Step-up Transformer: Drawings / Calcs Calc# 024-84-001-06-008 R1	11/27/02				12/20/02	GJ-EM	Not Approved
			S577-R1							
			S578-R1							
STRUC-1	3044	000128	STG Main Step-up Transformer: Letter, 1 Calculation, 2 Drawings Calcs Calc# 024-84-001-06-008 R2	01/08/03				01/16/03	GJ	Approved
			Letter Response to CBO comments							
			S-577-R2							
			S-578-R2							
STRUC-1	3044	000182	STG Main Step-up Transformer: Recap of Current Drawings and Calculations Calcs 024-84-001-06-008-R2					08/13/03	GJ	Approved
			S-567-R0 Pile Design & Layout							
			S-570-R1 Foundation Design							
			S-577-R2 Foundation Sections & Details							
			See 3059							
STRUC-1	3044	000209	STG Main Step-up Transformer Drawing: S-570-R3 Main Step-up Transformer Foundation Plan	8/5/2004						Approved
			Drawing: S577-R3 Main Step-up Trans Sections & Details							
			STG Main Step Up Transformer					11/12/2003		Approved
			Drawing: S-570-R3 Transformer Foundation Plan					11/15/2003		

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILDAN CBO PROJECT NO. 13254

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				Issued	Due	To Checker	From Response	Plan Check	Status			
STRUC-1	3045	000100	Piles: Concrete-Filled Pipe Piles; Specs 02472-R2	11/08/02								
STRUC-1	3045	000137	Piles: Concrete-Filled Pipe Piles; Specs 02472-R3	01/28/03								
STRUC-1	3046	000102	HRSG: Drawing & Calculations for HRSG Unit 1-Calcs 02481-001-06-006 Mat Foundation for HRSG & Stack for Unit 1 Rev. 1 dated 11/07/02 - S300 HRSG Pile Location Plan, Unit 1 Rev1 Dated 11/07/02	11/07/02	To Checker	Fro Check	GJ-EM			1	0	
STRUC-1	3046	000112	HRSG: Foundation Drawings - S305, S310, S313	12/03/02	To Checker	Fro Check	GJ-EM			2	2	
STRUC-1	3046	000124	HRSG: Response to CBO Comments and Revised Foundation Plans Dwgs: S305 R2, S310 R2	12/24/02	To Checker	Fro Check	GJ-EM					
STRUC-1	3046	000142	HRSG: Foundation 8 Drawings S305-R3 Foundation Plan Unit 1 S306-R1 Foundation Plan Unit 2 S307-R2 Reinforcement Plan Unit 1 S308-R1 Reinforcement Plan Unit 2 S310-R3 Section Details Units 1&2 S311-R1 Section Details Units 1&2 S313-R2 Anchor Details Units 1&2 S315-R0 Equip Foundations Units 1&2	12/31/02	To Checker	Fro Check	GJ-EM					
STRUC-1	3046	000218	CT Exhaust Sound Enclosure - Units 1 & 2 Calculations 02484-001-06-053, Rev. 0 Design of CT Exhaust Sound Enclosure Units 1 & 2	11/20/03	To Checker	From Check	GJ	Approved		2	0	
		A190, Rev. 0, Unit 1 Root Plan, Sect. Elevs & Door Sch.										
		A191, Rev. 0, Unit 1 Sections & Details										
		A192, Rev. 0, Unit 2 Roof Plan, Sect., Elevs & Door Sch.										
		A194, Rev. 0, Unit 2 Sections & Details										
		S671, Rev. 1 Exhaust Diffuser Duct Enclosure Foundation Units 1 & 2										
		S-390, Rev. 0, Exhaust Sound Enclosure, Unit 1 Steel Framing Plan										
		S891, Rev. 0, Exhaust Sound Enclosure Unit 1 Sections & Details										
		S892, Rev. 0, Exhaust Sound Enclosure Unit 2 Steel Framing Plan & Elevations										
		S893, Rev. 0, Exhaust Sound Enclosure, Unit 2 Sections & Details										
STRUC-1	3047	00109	CTG Main Step-Up and Auxiliary Transformer Foundation: 1 Calculation & 6 Drawings;	08/13/03	08/22/03	GJ	Not Approved			7	0	Found forgotten package as a result of new package 3059 Iso-Phase Bus Sent to Gang with same package 3059
STRUC-1			Calc# 02484-001-06-036-R0									
			S-571-R0 CTG Main SU & Aux Foundation Plan	See 3059								
			S-572-R0 CTG Main SU & Aux Foundation Plan	See 3059								

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE B&R AND CBO

WILLDAN GBO PROJECT NO. 13254

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review / Approval Dates				Comments - Action Required		Submitted	Response	Documents	
				Issued	Due	To Checker	From Response	Plan Check	Status				
STRUC-1	3051	000122	Station Service Transformer Foundations 1 Calculation 2 Drawings Calc# 02484-001-06-037	12/30/02 01/21/03	1/17/2003	1/15/2003	8/13/2003	GJ	Conditionally Approved	Distance between Transformer and wall verify.	3	0	
STRUC-1	3059 & 3044		S570 RI STG Transformer S579 RI Station Service Transformer Plan, Sections & Details 1 Letter of Explanation										
STRUC-1	3051	000122	Station Service Transformer Foundations		8/20/2003				Approved				
STRUC-1	3052	none	Admin Building: Bechtel 3 Drawings: Drwg A-8110, Drwg AC-8190, Drwg AS-8110		11/06/01								
STRUC-1	3053	000144	Excitation Transformer Foundation: 1 Drawing / Calc: Calculation: 02484-001-60-043-R0	02/19/03	03/07/03	VERIFY if sent	GJ			5	0		
STRUC-1	3054	000158	Circuit Breaker (CB) Platform for CTGs: 2 Calcs, 3 Drwgs: Calculation: Foundation 02484-001-60-025-R0 Calculation: Steel Platform 02484-001-60-048-R0 Drwg: S601-R0 CTG Units 1&2 CB Platform Foundation Drwg: S880-R0 CTG Unit #1 CB Platform Structure Drwg: S881-R0 CTG Unit #2 CB Platform Structure	03/26/03	04/10/03	04/15/05	GJ	Not Approved by Checker		5	0		
STRUC-1	3054	000179	Circuit Breaker (CB) Platform for CTGs: 2 Drwgs Calculation: Foundation 02484-001-60-025-R0 Calculation: Steel Platform 02484-001-60-048-R0 Drwg: S601-R0 CTG Units 1&2 CB Platform Foundation Drwg: S880-R1 CTG #1 CB Platform Plans, Sections & Details Drwg: S881-R1 CTG #2 CB Platform Plans, Sections & Details		07/22/03	07/22/03		GJ APPROVED					
STRUC-1	3055	000162	Water Tanks: Fire-Water & Demineralized: 1 Calcs, 2 Drwgs: Calculation: Tank Foundation 02484-001-06-012-R0 Drwg: S519-R0 Water Tank Pile Layout Drwg: S111-R2 Pile Sect. Details Revised for Tank Piles	4/17/03 4/25/03	04/22/03	04/24/03	04/24/03	GJ	Not Approved	High Priority Review of piles needed Approved based on verbal	2	0	
STRUC-1	3055	000167	Water Tanks: Vendor details/Calculations Calculation:# 02484-001-06-012-R1 Drwg: S519-R1 Demineralized & Firewater Tanks Drwg: S110-R3 Composite Pile Plan	5/02/03 5/10/03	05/06/03	05/15/03	05/12/04	GJ	Checker Approved				
STRUC-1	Capline Trans	15176 01342	Water Tanks: Tank Calculation #6533 Tank Drawings	01/28/04	05/07/04	05/10/03	05/12/04	GJ	More Info - Requested	Comments directly to Fischer 5/12/04			

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CALPINE/B&R AND CBO

WILLI DAN CBO BBO ECT NO 13351

WILLDAN CBO PROJECT NO. 13254										
Cond.	Pack. No.	CBO No.	Package Title	Review / Approval Dates			Comments / Action Required		Documents	
				Issued	To Checker	From Response	Plan Check	Status	Submitted	Response
STRUC-1			Tank Calculation #6534 Tank Drawings							
STRUC-1	3055	000236	Water Tanks: Denin and Firewater Drawing: S-520-R1 Tank Foundation Plans & Details	03/12/04	05/13/04	05/20/04	GJ	Approved	Comments relate constructability / addressed by Steve Fischer OK	
STRUC-1	3056	000164	Technical Spec Spec. # 115176 Bolted Steel Tanks Demineralized Water Storage Tank Spec. # -100-sws-4k-001 Service Fire Water Storage Tank 1-Q	07/21/04	07/21/04	08/03/04	H-K Approved Subject to notes			
STRUC-1	3056	000216	Ammonia Tank Piles: 1 Calcs, 1 Drwg: Calculation:# 02434-001-06-020-R0 Drwg. S-495-R0 Ammonia Tank & Dike Foundation & Pile	4/25/03 5/02/03	04/29/03	05/02/03	05/08/03	GJ Piles Approved	But no pile cap details Calculations	2 2
STRUC-1	3056	000241	Ammonia Storage Tank Foundation & Dike Foundation Drawing: S-493-Rev 1, S-496, Rev. 0, S-497, Rev. 0	11/13/03					Explanation of Calculation OK, Mention CBO# 000185 ?	
STRUC-1	3056	000165	Hand delivered to SF Minor comments only, Acknowledged by Steve Fisher							
STRUC-1	3057	000165	Ammonia Storage Tank Foundation & Dike Foundation S495, Rev. 3 Ammonia Tank & Dike Foundation& Pile Locations S496, Rev. 1, Ammonia Tank & Dike Foundation Sections S497, Rev. 2, Ammonia Tank & Dike Foundation Sections	04/23/04	05/13/04	05/21/04		Approved	Hand delivered to SF Minor comments only, Acknowledged by Steve Fisher	
STRUC-1	3057	000165	Gas Compressor Piles: 1 Calcs, 1 Drwg: Calculation: 024B4-001-06-049-R0 Drawing: S-684-R0 Gas Compressor Location & Pile	5/01/03 5/09/03	05/06/03	05/08/03	GJ Approved Piles Only		Review Completed Piles Approved Foundation Not Approved Pending Reply to comments	
STRUC-1	3057	000165	Gas Compressor Foundation Response Letter Dated 9/15/2003 S-684, Rev. 1 Gas Compressor Foundation & Pile Plans S-688, Rev. 0 Gas Compressor Foundation Plan, Sections & Details	11/05/03	11/04/03	11/05/03	GJ	Approved	Letter contains reply that satisfy requirements and was discussed by Gang Jiao & Niran Motiwala in teleconference.	

METCALF DOCUMENT SUBMITTAL RECORD
CALIFORNIA STATE BAR AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review / Approval Dates				Comments - Action Required		Submitted	Response	Documents
				Issued	Due	To Checker	From Checker	Plan Check	Status			
STRUC-1	3058	Calpine 00249 1 Calc, 1 Drawing: Calculation# 150312-01 Drawing# C02-1 Rev B	Switchyard Dead End Structure	02/10/03		03/18/03	07/17/03	GJ	Conditionally Approved	Piles were approved via email on 3/19/03. Review comments require further action. Clarify Anchor Hardware and Incorporate		
STRUC-1	3059	000165 See 3029 See 3029 3044 / 3051 See 3047 See 3047 See 3047 See 3047 See 3047 3044 3047 / 3051 New	Isophase Bus Support Foundation: 11 Drawings, No Calcs, No Specs S-225-R1 CTG #1 Containment Trench S-226-R1 CTG #2 Containment Trench S-570-R2 STG Main Step-up Transformer S-571-R1 CTG #1 Main Step-up Transformer See 3047 S-572-R1 CTG #2 Main Step-Up Transformer S-574-R1 CTG Main Step-Up Trans Sections and Details S-575-R1 CTG Main Step-Up Trans Sections and Details S-576-R1 CTG Main Step-Up Trans Sections and Details S-578-R3 STG Main Step-up Trans Sections and Details S-579-R2 Station Service Transformer Foundation Plans S-636-R0 Iso Bus Foundation	08/05/03	08/13/03	08/22/03	08/22/03	GJ	Not Approved	Found an overlooked packet that relates to this packet Found 3047 sent to Gang at same time as this one.		
STRUC-1	3059	000184 3-170-R1 S-701-R3 S-813-R2	3 Drawings, No Calcs, No Specs S-170-R1, STG Platform Slab Plan At E1, 285'-0 1/2" (Opr Flr) STG Platform Framing Plan at Elevat. 295'-0 1/2"	08/13/03	08/16/03	08/22/03	08/23/04	GJ	Comments	Comments provided		
STRUC-1	3059	000184	Isophase Bus Support Foundation: Letter of Clarification S-636-R1 Iso Bus Foundation	09/11/03	10/15/03	08/29/04	08/29/04	GJ	Approved	Sent approval 6-24-04		
STRUC-1	3061	000243	ISO Phase Bus CTG 1 & 2 Calc CTG ISO Phase No.D-5089 Erection Drawings U-123057-X95, R-A, 10 pages Steel Details U-123057-X95A, 9 pages Anchor Bolts & Connection Layout U-123056X123-R-B General Layout U-126679-D Rev A, 9 pages General Layout U-126679-D, Rev. B, 9 pages General Layout U-126680-D, Rev. B, 6 Pages	05/26/04	5/26/2004	7/26/2004		HK	Approved			
STRUC-1	3061	000243	ISO Phase Bus STG Calc STG ISO Phase No. D-5089 Erection Drawing U-123057X96, 8 Pages Steel Details U-123057X95A, 8 pages Anchor Bolt Layout U-123056X104, R, A General Layout U-126680-D, Rev. B, 6 Pages	05/26/04	5/26/2004	7/26/2004		HK	Approved			
	30xx	000xxx	PDC Foundations:									

METCALF DOCUMENT SUBMITTAL RECORD
ACALPINE/B&R AND CBO

WILLI DAN CBO PROJECT NO 13254

9/9/2004

WILL DAN CBO PROJECT NO. 13234						
Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates	Plan Checker	Status
Piping System P&IDs:				Issued	To Checker	From Check
MECH-1	4002	000080	MT-P-2015-AST-001 Rev. 1, Ammonia Storage MT-P-2079-SSW-001 REV. 1, MT-P-2080-SWS-001 REV.2, MT-P-2081-SWS-002 REV.2, MT-P-2052-FWS-001 REV. 2, Fire Water MT-P-2053-FWS-002 REV. 2, Fire Water MT-P-2003-GEN-003 REV.0, MT-P-2004-GEN-004 REV.0, MT-P-2005-GEN-005 RE	10/11/2002 10/22/2002		
MECH-1	4002	000086	Waste Water Collection P&ID: 4 Drawings: MT-P-2084-WWC-001-1 of 4, MT-P-2085-WWC-002-2 of 4 MT-P-2086-WWC-003-3 of 4 MT-P-2087-WWC-004-4 of 4 Rev 1 dated 10/17/02 Circulation Water System: 1 Drawing Fuel Gas P&ID: 3 Drawings MT-P-2042-CWS-00- 1 of 3 Rev. 2 MT-P-2046-FGS-001- 1 of 6, MT-P-2047-FGS-002- 2 of 6 MT-P-2048-FGS-003- 3 of 6 Fire Protection Arrangement: 1 Drawing Dwrg M203-R1	10/21/2002 11/11/2002		
MECH-1	4002	000149	Fire Protection Arrangement: 1 Drawing Dwrg M203-R1	none		
MECH-1	4003	000091	Fire Protection: 1 Spec and 4 Drawing Specification - Fire Risk Evaluation-Rev B M201 General Arrangement Plan at Grade M203 Fire Protection Arrangement MT-P-2052-FWS-001-R2 Fire Water P&ID MT-P-2053-FWS-002-R2 Fire Water P&ID	10/30/2002 11/21/2002		GC
MECH-1	4003	000139	Fire Protection: 1 Drawing: General Arrangement Plan View M201-R2 Fire Protection & Drawing MT-P-2042-CWS-001 Circulating Water System MT-P-2043-CWS-002 Circulating Water System MT-P-2044-CWS-003 Circulating Water System MT-P-2052-FWS-001 Fire Water MT-P-2053-FWS-002 Fire Water	01/30/03 02/20/03	02/03/03 05/07/03	HK New
MECH-1	4003	000166	Mechanical Design Criteria: Specification #			GC
MECH-1	4004	000105	Drawings Requested By CBO	11/21/02		
MECH-1	4004	000XXX	Burns & Roe NJ Review: 186 Drawings	01/20/03		
MECH-1	4011	xxxx	Various BREI Mechanical Drawings			HK

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&E AND CBO							
WILLDAN CBO PROJECT NO. 13254							
Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates			
				Issued	To Checker	From Check	Resubmit
MECH-1	4011	xxxx	Burns & Roe NJ Review: 10 Drawings Various BREI Vendor Mechanical Drawings				HK
MECH-1	4011	xxxx	Burns & Roe NJ Review: 04 Calculations Various BREI Mechanical Calculations				HK
MECH-1	4000	Calpine # 387	Cooling Tower Circ Pipe Drawgs: Requested to support RFI review 22 drawings	05/20/00	05/22/03		RS
MECH-1	4050	000172	Fire Protection Plan: 1 Letter, 0 Calc, 0 Drawings Letter 5/29/03, Response to 3 CBO Letters of 3/18/03, 3/19/03, & 4/15/03	05/29/03	05/30/03		
MECH-1	4050	000172	Fire Protection Plan: 1 Letter, 0 Calc, 0 Drawings	05/29/03	05/30/03		
MECH-1	4050	Calpine Letter 330	Clarification To FRPP- Fire Flow Calpine Letter Dated 3/20/04	03/03/04			
		Trans 03053	F.E. Moran Inc. Drawings	8/2/2004	8/12/2004	8/10/2004	GC Not Approved
			FP-101WHIS-R0 - Hydraulic Calc for Admin Building				
			FP-101HS-R0 - Admin Building Warehouse Hose Calc				
			FP-101OFC-R0 - Admin Building Offices Calc				
			FP-101CNT-R0 - Admin Building Control Room Calc				
			FP-101MNT-R0 - Admin Building Maintenance Shop Calc				
			MR-1623-R0 Submittal Fire Protection Mechanical Equip.				
			AD-1623-R0 Submittal Detection & Controls Equipment				
			Drawing: 1623F-101, RD Administration Building				
			Drawing: 1623F-102, RD Administration Building Section				
			Drawing: FP-120, RD DCS Room FM200 Suppression Sys				
			Drawing: FFE-104, RD Device Layout and Wiring				
			Drawing: FFE-105, RD Control Rm 200 Suppression				

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO						WILLDAN CBO PROJECT NO. 13254					
Cond.	Pack. No.	CBO No.	Package Title		Issued	To Checker	From	Plan Review /Approval Dates			
							Check	Resubmit	Plan	Checker	Status
Calpine Trans.	03159	F.E. Moran - RFI #1 for Heat Detector Cable			8/12/2004	8/18/2004			GC	FYI	
Sub. No. 15311-2	Calpine Trans. 03327	Ammonia Storage Tank By F.E. Moran			8/25/2004	9/1/2004			GC		
Calpine Trans.	03315	Calc. FP-110AMS Drawing: 1623FP110.RD Ammonia Storage Tank			8/25/2004	9/1/2004			GC		
Sub. No. 15311-1	F.E. Moran	AUX, GSU & STG Transformers Submittal			8/25/2004	9/1/2004			GC		
	Cal: FP-101AUX1										
	Cal: FP-101AUX2										
	Cal: FP-101GSU1										
	Cal: FP-101GSU2										
	Cal: FP-101STG										
	Drawing: 1623FP-103.R0 CTG1 & 2 GSU & AUX Trans.										
	Drawing: 1623FP-104.R0 STG Step Up Transformer										
RJA	2/13/04	RJA Comments Gas Compressor Separation Comments			02/13/04						
Calpine	E-mail	Data on gas Compressor Blow-Out panels			1/0/1900				Carr		
Status Code											
<p>A - Approved I - Accepted as for information only N - Not approved, returned with comments. C - Approval Conditioned upon submittal of addt. info or replacement</p> <p>P - Approved upon sign-off by Engineer, Inspector or Geotech, or D - Discussion pending between CBO, Engineer, Geotech, Inspector H - On hold by Mortenson/Calpine R - Reversal of approval pending resolutions from outside agency</p>											

Comments	Documents	
	Submitted	Response
	9	
		8
Send to Greg Carr	1	1
		8
	5	5
	1	1
	1	1
	283	283

In review of Fire Protection MTP-2052-FWS-001 these drawings were identified by CBO and Requested
Refer To Excel Spreadsheet "Audit NJ Brei Dwgs.xls" For detailed list of documents

METGAL DOCUMENT SUBMITTAL RECORD

CALPINE, BAR AND CBO

WILDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates					Comments		Submit	Respond
				Issued Due	To Checker	From Checker	Reply	Plan Checker	Status			
ELEC-1	5001	000046	Electrical Grounding: 21 Drawings; No Calculations: E200-R0	6/28/2002	XX	XX	05/15/03	BS ES	Approved	BS = Bob Snyder Disposition Dated 5/15/03 Sent via e-mail and Mailed 7-22-03	21	21
			E201-R0			Superseded						
			E202-R0			Superseded						
			E203-R0									
			E204-R0			Superseded						
			E205-R0			Superseded						
			E206-R0									
			E207-R0			Superseded						
			E208-R0									
			E209-R0			Superseded						
			E210-R0			Superseded						
			E212-R0			Superseded						
			E213-R0			Superseded						
			E214-R0									
			E215-R0			Superseded						
			E216-R0			Superseded						
			E230-R0									
			E231-R0									
			E232-R0									
			E233-R0									
ELEC-1	5001	000030	Electrical Grounding: 11 Revised Drawings & 1 Calculation Calculation: 2484-01-07-006 Rev. 1	7/18/2002	XX	XX	10/22/02	BS ES	A-10/22/02	Disposition Dated 5/16/03 Sent via e-mail and Mailed 7-22-03	12	12
			E201R1	8/8/2002			07/22/03					
			E203R1									
			E205R1									
			E207R1									
			E208R1									
			E209R1									
			E210R1									
			E212R1									
			E213R1									
			E215R1									
			E216R1									
			CBO Letter of Concern									
			Regarding Tank Grounding 3 July 2002									
			E209-R1									
			E230-R0									
ELEC-1	5001	000067	Cable Sizing Calcs: Underground: 02484-01-07-011 R0 Above Ground: 02484-01-07-012 R0	8/30/2002 9/23/2002				ES			2	0
ELEC-1	5001	000150	Underground and Above Ground Cable Sizing Calc: 2 Calculation: Calculation 02484-01-07-011, R1 Underground Cable Sizing	5/11/03 04/02/03	05/29/03	06/11/03		ES	Approved		2	2
ELEC-1	5001	000245	Calculation 02484-01-07-012, R1 Above Ground Cable Sizing Electrical Grounding Drawings Drawing: E200, R1, Electrical Grounding Layout	6/24/2004	7/8/2004			ES				

METCALF DOCUMENT SUBMITTAL RECORD
CALIFINE, B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments		Documents
				Issued Due	To Checker	From Checker	Plan Checker	Status		
ELEC-2	5002	000057	Electrical One-Line Drawings: 20 Drawings	8/21/2002 8/23/2002	10/15/02 xx	xx	10/09/03	ES	C-10/17/02	Conditionally approved but it was later determined: Drawing E104 was needed
ELEC-2	5002	000104	Electrical Single-line Drawing: Draw: E104-R1 sent in response to 2/12/03 letter	11/14/02 xx/xx/xx	11/20/02 xx/xx/xx	xx/xx/xx	02/11/03	ES	Not Approved Sent Comments	Second review after receiving E-104 reveals significant comments
ELEC-2	5002	No Sub Number	Electrical Single-line Drawings: E126A, E130B, E131B, E132B, E133A, E134A, E140A, E141B, E142B, E143A, E160R0, E161R0, E180A, E181A, E184A, E185A, E188A	03/13/03	04/07/03	04/29/03	05/02/03	ES	Not Approved	Significant Number of comments sent to B&R via E-mail
ELEC-2	5002	000151	Electrical One-Line Drawings: 1 Letter, 23 Drawings	03/13/03	04/07/03	04/29/03	05/02/03	ES	Approved	These drawings were obtained by CBO at plant around mid-November. Elias prepared some comments. Drawings are preliminary and not for release and not officially submitted, so comments are being held by CBO.
			E101-R1, Electrical Symbols Sheet 1							Approval of two previous submittals this subject: CBO# 000057 and CBO# 000104
			E102-R1, Electrical Symbols Sheet 2							
			E103-R2, Electrical Symbols Sheet 3							
			E104-R2, Key One Line Diagram							
			E105-R1, Electrical Main One Line Diagram CTG #1							
			E106-R1, Electrical Main One Line Diagram CTG #2							
			E107-R1, Electrical Main One Line Diagram STG							
			E108-R2, 4160V Switchgear Bus 001A & 001B							
			E109-R2, 4160V Switchgear Bus 001A One Line Diagram							
			E110-R2, 4160V Switchgear Bus 001B One Line Diagram							
			E111-R2, 4160V Switchgear Bus 001B & STBY Gen							
			E113-R2, 4160V Cooling Tower MCC 011A							
			E114-R2, 4160V Cooling Tower MCC 011B							
			E120-R2, 480V Switchgear Bus 001A One Line Diagram							
			E121-R2, 480V Switchgear Bus 001B One Line Diagram							
			E122-R2, 480V Switchgear Bus 002A One Line Diagram							
			E123-R2, 480V Switchgear Bus 002B One Line Diagram							
			E128-R1, 480V Balance of Plant mocc 1-00-ELA-MC-021A							
			E130-R1, 480V HRSG #1 MCC 1-01-ELA-MC-014A							
			E131-R1, 480V HRSG #2 MCC 1-02-ELA-MC-014B							
			E132-R1, 480V Essential Svcs MCC 1-00-EGS-MC-001							
			E133-R1, 480V Water Treatment 1-00-ELA-MC-022A							
			E134-R1, 480V Water Treatment 1-00-ELA-MC-022B							

WILLDAN CBO PROJECT NO. 13254										
Cond.	Pack. No.	CBO No.	Package Title			Review /Approval Dates			Comments	Documents
			Issued Due	To Checker	From Checker	Reply	Plan Checker	Status		
ELEC-2	5002	000226	Electrical One-Line Drawings 13 Drawings	1/8/2004	01/16/04	02/12/04	ES	Approved		
			E-126-R2							
			E-130-R2							
			E-131-R2							
			E-132-R2							
			E-133-R2							
			E-134-R2							
			E-140-R2							
			E-146-R1							
			E-147-R1							
			E-148-R1							
			E-149-R1							
			E-150-R1							
			E-152-R1							
ELEC-1	5003	000074	Electrical Drawing-Underground conduits: 55 Drawings:			09/20/02	09/30/02	12/12/02	Response 12/17/02	Major Scope Resulting a significant number of comments that need to be resolved by the engineer. Response by engineer in CBO-000130 makes possible to approve conditionally
			E354, Rev. 0, E300, E316, E319, E322, E323, E324 E326, Rev. 1 E371, E376, E377, F378, E379, F381 E382, E383, E384, E385, E386 Rev 0						55	
			E301, E302, E303, E304, E305, E306, E307, E308, E310, E311 E312, E313, E315, E317, E329, E330, E331, E332, E333, E335 E337, E341, E342, E343, Rev. 0							55
			E350, E351, E352, E353, E360, E362, E363 E364, E370, E374, E375, Rev. 1 dated 8/23 E314, E320, E327, E328, E370, Rev 2							55
ELEC-1	5004	000121 (5003)	Electrical Design Criteria: 4 Drawings (spec sheets) SD-E-004-GEN-000 Legend SD-E-004-GEN-001 Tray SD-E-004-GEN-002 Duct Bank SD-E-004-GEN-003 Notes			12/27/02 01/20/03	To Checker 1/07/02	05/13/03	ES Accepted	Accepted for Info Only comments provided
			Underground Conduit and Duct Banks: 1 Letter, 1 Spec, 3 Reports Letter Response to CBO comments of 1/21/02. Specification 16118 Manhole and Ducts Cable Schedule Raceway Report Cable Length Report						4	
ELEC-1	5003	000130	Underground Conduit and Duct Banks: 1 Letter, Follow-up Clarification			01/15/02 02/05/03	01/30/03	05/09/03	ES Approved	5 Information Only
									5	
ELEC-1	5003	000188	Manhole Rollout Details: 6 Drawings E374 Electrical Manhole Rollout Details Sh 1 E375 Electrical Manhole Rollout Details Sh 2 E376 Electrical Manhole Rollout Details Sh 3			5/16/03 5/30/03	05/19/03 05/29/03	06/11/03	ES Approved	6 6
									6	

METCALF DOCUMENT SUBMITTAL RECORD
CALIFINE B&R AND CBO

WILDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments		Documents
				Issued Due	To Checker	From Checker	Plan Checker	Status	Submit	
			E377 Electrical Manhole Rollout Details Sh 4							
			E378 Electrical Manhole Rollout Details Sh 5							
			E379 Electrical Manhole Rollout Details Sh 6							
ELEC-1	5003	000169	Embedded Conduit & Duct Banks: 74 Drawings	5/14/03 5/28/03	05/19/03 05/29/03	06/11/03 06/11/03	ES	Approved		
			E300 U/G Conduit Drawing Layout							
			E301 U/G Conduit Overall Site Plan							
			E302 U/G Conduit Plan Unit 1 Step-Up XFMR area							
			E303 U/G Conduit Plan Unit 1 Step-Up XFMR area							
			E304 U/G Conduit Plan Unit 2 Step-Up XFMR area							
			E306 U/G Conduit Plan CTG Unit 1 Area							
			E307 U/G Conduit Plan Unit 1 & 2 North Access Area							
			E308 U/G Conduit Plan CTG Unit 2 Area							
			E310 U/G Conduit Plan CTG Unit 1 Area							
			E311 U/G Conduit Plan Unit 1 &2 North Access Area							
			E312 U/G Conduit Plan CTG Unit 2 Area							
			E313 U/G Conduit Plan Steam Turbine Area							
			E314 U/G Conduit Plan CTG Unit 1 Area							
			E315 U/G Conduit Plan Unit 1 & 2 North Access Area							
			E316 U/G Conduit Plan CTG Unit 2 Area							
			E317 U/G Conduit Plan Steam Turbine Area							
			E318 U/G Conduit Plan HRSG Unit 1 Area							
			E319 U/G Conduit Plan East Piperack Area							
			E320 U/G Conduit Plan HRSG Unit 2 Area							
			E321 U/G Conduit Plan Steam Turbine Area							
			E322 U/G Conduit Plan HRSG Unit 1 Area							
			E323 U/G Conduit Plan East Piperack Area							
			E324 U/G Conduit Plan HRSG Unit 2 Area							
			E325 U/G Conduit Plan Steam Turbine Area							
			E326 U/G Conduit Plan CTG Unit 1 Area							
			E327 U/G Conduit Plan CTG Unit 1 Area							
			E328 U/G Conduit Plan HRSG Unit 2 Area							
			E329 U/G Conduit Plan East Piperack Area							
			E330 U/G Conduit Plan HRSG Unit 1 CEMS Area							
			E331 U/G Conduit Plan HRSG Unit 2 CEMS Area							
			E332 U/G Conduit Plan HRSG Unit 2 CEMS Area							
			E333 U/G Conduit Plan Water Treatment Area							
			E335 U/G Conduit Plan Admin/Ctr Rm/Warehouse Area							
			E336 U/G Conduit Plan Admin/Ctr Rm/Warehouse Area							
			E337 U/G Conduit Plan Water Treatment Area							
			E339 U/G Conduit Plan Admin/Ctr Rm/Warehouse Area							
			E340 U/G Conduit Plan Admin/Ctr Rm/Warehouse Area							
			E341 U/G Conduit Plan Cooling Tower Area							
			E342 U/G Conduit Plan Cooling Tower Area							
			E343 U/G Conduit Plan Switchyard Area							
			E344 U/G Conduit Plan Water Treatment Area							
			E345 U/G Conduit Plan Water Treatment Area							
			E346 U/G Conduit Plan Water Treatment Area							

METCAFF DOCUMENT SUBMITTAL RECORD
CALPINE, B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates			Comments		Documents	Submit	Respond
				Issued Due	To Checker	From Checker	Reply	Plan Checker			
			E347 U/G Conduit Plan Water Treatment Area								
			E348 U/G Conduit Plan Water Treatment Area								
			E349 U/G Conduit Plan Water Treatment Area								
			E350 CTG Unit 1 Embedded Conduit Plan - Sh 1								
			E351 CTG Unit 1 Embedded Conduit Plan - Sh 2								
			E352 CTG Unit 1 Embedded Conduit Plan - Sh 3								
			E353 CTG Unit 1 Embedded Conduit Sections - Sh 1								
			E354 CTG Unit 1 Embedded Conduit Sections - Sh 2								
			E355 U/G Conduit Plan Admin/Ctrl Rm/Warehouse Area								
			E356 U/G Conduit Plan Admin/Ctrl Rm/Warehouse Area								
			E357 Cooling Tower Area								
			E358 Units 1 & 2 Step Up XFMR Area								
			E360 CTG Unit 2 Embedded Conduit Plan - Sh 1								
			E361 CTG Unit 2 Embedded Conduit Plan - Sh 2								
			E362 CTG Unit 2 Embedded Conduit Plan - Sh 3								
			E363 CTG Unit 2 Embedded Conduit Plan - Sh 1								
			E364 CTG Unit 2 Embedded Conduit Sections - Sh 2								
			E365 U/G Conduit Plan Unit 1 PDC Area								
			E366 U/G Conduit Plan Unit 2 PDC Area								
			E367 U/G Conduit Plan PDC - 5 Cooling Tower Area								
			E370 Duct Bank Installation Details								
			E371 Manhole Installation Details								
			E381 Duct Bank Sections - Sh 1								
			E382 Duct Bank Sections - Sh 2								
			E383 Duct Bank Sections - Sh 3								
			E384 Duct Bank Sections - Sh 4								
			E385 Duct Bank Sections - Sh 5								
			E386 Duct Bank Sections - Sh 6								
			E387 Duct Bank Sections - Sh 7								
			E388 Duct Bank Sections - Sh 8								

METCALF DOCUMENT SUBMITTAL RECORD						
CALIFORNIA, B&R AND CBO						

WILLDAN CBO PROJECT NO. 13254

Review /Approval Dates

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments	Documents
				Issued Due	To Checker	From Checker	Plan Checker	Status	Submit Respond
ELEC-1	5003	000171	STG Operating Floor & Pedestal Embedded Conduit: 2 Drawings E368 STG OP FLR Embedded Conduit Plan Sh 1	5/19/03 6/02/03	05/22/03	05/29/03	06/11/03	ES	Approved
			E369 STG OP FLR Embedded Conduit Plan Sh 2						
ELEC-1	5003	000189	Embedded Conduit & Duct Banks: 3 Revised Drawings	10/06/03					
			E-312-R3						
			E-308-R2						
			E-366-R1						
ELEC-1	5003	000228	Electrical U/G Conduit Plans: 10 Drawings	01/19/04				Segura	Approved
			E-300-R4						
			E-301-R4						
			E-333-R3						
			E-337-R4						
			E-340-R2						
			E-344-R2						
			E-345-R2						
			E-375-R5						
			E-387-R3						
			E-388-R4						

WILLDAN CBO PROJECT NO. 13254									
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments	Documents
				Issued Due	To Checker	From Checker	Plan Checker		
ELEC-1	3038	PDCs: 8 Drawings:	Dwg E900-R1 Layout E902-R1 CTG Unit 1 E903-R1 CTG Unit 2 E904-R1 HRSG Unit 1 E905-R1 HRSG Unit 2 E906-R1 Cooling Tower Unit 1 E907-R0 Water Treatment Area E914-R0 Bus Layout	09/25/02 10/09/02	02/11/03	02/12/03	ES	Approved	8 0

CALIF DOCUMENTS SUBMISSION RECORD
CALPINE, B&R AND CBO

WILL DAN CBO REQUEST NO. 12251

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				
				Issued Due	To Checker	From Checker	Plan Checker	
ELEC-1	5004	000099	Voltage Calcs: Calcs 0248-001-07-002 Load Flow and Voltage Drop, Rev. 0 Calcs 0248-001-07-003 Short Circuit, Rev. 0	11/8/02 11/29/02	1/1/3103 4/30/2003	05/13/03	ES	Approved
ELEC-1	5004	000189	Voltage Calcs: 1 Letter: Follow-up Clarification	08/28/03			ES	Information Only
ELEC-1	5005	000147	Lighting Plans: 32 Drawings 1.Calculation Calculation #2484-001-07-208 Light & Power Density	03/4/03 3/17/03	04/09/03	05/01/03	ES	Approved
			E145, Panel Schedules CTG Unit #1					
			E147, Panel Schedules CTG Unit #2					
			E148, Panel Schedules OEM/HRSRG Unit #1					
			E149, Panel Schedules OEM/HRSRG Unit #2					
			E150, Panel Schedules Cooling Tower					
			E152, Panel Schedules BPL Electrical/Control					
			E600, Electrical Lighting Drawing Layout					
			E601, Electrical Lighting Plant Roadway Lighting					
			E602, Electrical Lighting STG BLD GND Sh1					
			E603, Electrical Lighting STG BLD GND Sh2					
			E604, Electrical Lighting STG BLD GND Sh3					
			E605, Electrical Lighting STG BLD MEZZ Sh1					
			E606, Electrical Lighting STG BLD MEZZ Sh2					
			E607, Electrical Lighting STG BLD MEZZ Sh3					
			E608, Electrical Lighting STG BLD Operating Sh1					
			E609, Electrical Lighting STG BLD Operating Sh2					
			E610, Electrical Lighting STG BLD Operating Sh3					
			E611, Electrical Lighting Cooling Tower					
			E612, Electrical Lighting CTG Unit #1 Plan View					
			E613, Electrical Lighting CTG Unit #2 Plan View					
			E614, Electrical Lighting HRSG Unit #1 Plan View					
			E615, Electrical Lighting HRSG Unit #1 East Elvat					
			E616, Electrical Lighting HRSG Unit #1 West Elvat					
			E617, Electrical Lighting HRSG Unit #2 Plan View					
			E618, Electrical Lighting HRSG Unit #2 East Elvat					
			E619, Electrical Lighting HRSG Unit #2 West Elvat					
			E620, Electrical Lighting Pipe Rack & Walkways					
			E651, Lighting Details & Fixture Schedule					
			E652, Lighting Control Diagram PDC 1, 2, 3					
			E653, Lighting Control Diagram PDC-3					
			E654, Lighting Control Diagram PDC-4					
			E655, Lighting Control Diagram STG BLD Electrical room					
ELEC-1	5005	000187	Lighting Plans: 1 Letter of Clarification	8/28/2003	08/29/03			Information Only

8/10/2004

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates				Comments	Documents	
				Issued Due	To Checker	From Checker	Respon- se		Submit	Respond
STRUC-1	7001	Calpine Transmittal 00249	Switchyard Structure: 1 Calc, 1 Drawing: Power Engineers Inc. Calculation# 150312-01 Drawing# C02-1 Rev B	03/28/03	05/01/03			Sent note saying piles need to be on composite pile plan and submit in full size drawings	2	0
TSE	7002	Calpine Transmittal 00274	Switchyard Plans : 66 Drawings: C01 Foundation Plan EP02 Electrical Assembly Plan EP03-1 Electrical Elevations Sh 1 EP03-2 Electrical Elevations Sh 2 EP04 Fence & Grounding Plan EP05 Fence & Grounding Details EP10-1 Electrical Material List Sh 1 of 2 EP11 Assembly & Ctri Bidding Nameplate schedule E01 One-Line Diagram E02-1 Relay One-Line Diagram Sh 1 E02-2 Relay One-Line Diagram Sh 2 E03 Three-Line Diagram E04 Three-Line Diagram Circuit Breaker 242 E05 Three-Line Diagram Circuit Breaker 442 E06 Three-Line Diagram Circuit Breaker 232 E07 Three-Line Diagram Circuit Breaker 332 E08 Three-Line Diagram Circuit Breaker 432 E09 Three-Line Diagram 230kV Bus 1 & 2 E10 Station Service AC Panel Schematic E11 Station Service DC Panel Schematic E12 01-03-GSU-XF-301XFMR Differ Relay Schematic E13 Trmal Differ & CB 242 BKR Failure Relay Schematic E14 CB 442 Breaker Failure Relay Schematic E15 01-01-GSU-XF-101XFMR Differ Relay Schematic E16 Trmal Differ & CB 232 BKR Failure Relay Schematic E17 CB 332 Breaker Failure Relay Schematic E18 01-02-GSU-XF-201XFMR Differ Relay Schematic E19 Trmal Differ & CB 432 BKR Failure Relay Schematic E20-1 Annunciator Win Layout & Engraving E20-2 Annunciator Schematic Sh 2	03/28/03	05/01/03			ES	Approved	
TSE	7002		E20-3 Annunciator Schematic Sh 3 E20-4 Annunciator Schematic Sh 4 E20-5 Annunciator Schematic Sh 5							
TSE	7002									

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE, BAR AND CBO
WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates				Comments	Documents
				Issued Due	To Checker	From Checker	Respon- se		
TSE	7002		E21-1 Breaker 242 Trip Cir #1 Schematic E21-2 Breaker 242 Trip Cir #2 Schematic E21-3 Breaker 242 Close Cir Schematic E21-4 Breaker 242 Alarm & AUX Schematic E21-5 Breaker 242 Motor, Heater & Receptacle Cir Sch E22-1 Breaker 442 Trip Cir #1 Schematic E22-2 Breaker 442 Trip Cir #2 Schematic E22-3 Breaker 442 Close Cir Schematic E22-4 Breaker 442 Alarm & AUX Schematic E22-5 Breaker 442 Motor, Heater & Receptacle Cir Sch E23-1 Breaker 232 Trip Cir #1 Schematic E23-2 Breaker 232 Trip Cir #2 Schematic E23-3 Breaker 232 Close Cir Schematic E23-4 Breaker 232 Alarm & AUX Schematic E23-5 Breaker 232 Motor, Heater & Receptacle Cir Sch E24-1 Breaker 332 Trip Cir #1 Schematic E24-2 Breaker 332 Trip Cir #2 Schematic E24-3 Breaker 332 Close Cir Schematic E24-4 Breaker 332 Alarm & AUX Schematic E24-5 Breaker 332 Motor, Heater & Receptacle Cir Sch E25-1 Breaker 432 Trip Cir #1 Schematic E25-2 Breaker 432 Trip Cir #2 Schematic E25-3 Breaker 432 Close Cir Schematic E25-4 Breaker 432 Alarm & AUX Schematic E25-5 Breaker 432 Motor, Heater & Receptacle Cir Sch E26-1 MOD 247 Trip & Close Cir Schematic Sh 1 E26-2 MOD 247 Heater & AUX Cir Schematic Sh 2 E29-1 Switchboard Panel Assembly Sh 1 of 2 E29-2 Switchboard Panel Assembly Sh 2 of 2 E30 Switchboard Panel Assembly Material List E31-1 Switchboard Panel Asmbly Nameplate Sched Sh 1 E31-2 Switchboard Panel Asmbly Nameplate Sched Sh 2					Not Approved	
TSE	7002	Calpine Transmittal 00274							
TSE	7003	Calpine 00482	Underground 230 KV to Switch Yard 2 Drawings one Letter/Email	xx/xx/xx					
			Dwg: P1-1 Plan and Profile for 230kv Under Ground						
			Dwg: U1-1 Detail drawing for 230kv Underground						
			eMail Phase Certification By Dennis Weber 8/26/03						
TSE	7003	Calpine 00634	Underground 230 KV to Switch Yard 2 Drawings one Letter/Email	10/07/03				NOT APPROVED	
			Dwg: P1-1 Plan and Profile for 230kv Under Ground						
			Dwg: U1-1 Detail drawing for 230kv Underground						
TSE	7003	Calpine 00953	Underground 230 KV to Switch Yard 1 Letter, 1 Calc, 1 Certification	11/11/03				APPROVED	
			Certified Full Tension Calculations						
			Calpine Letter # 300 transmittal						
			E-mail from Terry Kawaguchi Manufacturer's Certification						

NETCAFE DOCUMENT SUBMITTAL RECORD
CALPINE, BAR AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review / Approval Dates				Comments	Documents
				Issued Due	To Checker	From Respon- sible Checker	Plan Checker		
TSE	7004	Capline Trans:01081	Switch Yard Layout and Electrical Details: 22 Drawings - 98% Design	12/06/03			Segura Carr		
TSE	7004	Capline Trans:01628 Sub:16320	Switch Yard Layout and Electrical Details: 21 Drawings - 100% design	03/09/04			Segura Carr	No structurals No detailed Fire Protection	
			Switch Yard Drawings Signed to Expedite Construction					Signed on 5/28/04	
			14 Drawings by Power Engineers						
			EP06, R-0 Conduit and Duct Bank						
			EP07-1, R-0 Pull Box Conduit Details						
			EP07-2, R-0 Conduit Details						
			EP07-3, R-0 Pull Box Details						
			EP12, R-0 Conduit Schedule						
			P1-1, R0 Plan and Profiles for Circuits STG: CTG-1, CTG-2						
			U1-1, R0 Circuits STG, CTG-1; CTG-2						
			C01, R0 Foundation Plan						
			C02-2, R0 Foundation Details Sheet 2						
			C02-3, RA Foundation Details, Sheet 3						
TSE	7005	Capline Trans:02425 Sub:16320-SD:007	Switchyard Layout Relay One Line Diagrams E02-1, Rev. 1, Relay One Line Diagram Sheet 1 E02-2, Rev. 1, Relay One-Line Diagram Sheet 1	06/02/04	06/02/04	06/04/04	06/04/04	Segura Approved	Signed Approved and returned to Calpine 6/4/2004

NETCALF DOCUMENT SUBMITTAL RECORD									
CALPINE: BAR AND CBO									
WILLDAN CBO PROJECT NO. 13254									
Cond.	Pack. No.	CBO No.	Package Title			Review/Approval Dates			
TSE	No	Transmittal	Switch Yard Steel Structures by Stoddard Steel Co.			Issued Due	To Checker	From Checker	Status
			Structural and Electrical Drawings.			07/02/04	07/02/04	07/20/04	HK Conditionally Approved
			Frames						
			Lolly Columns						
			Lolly Columns						
			CCVT Structures						
			Columns						
			Frames						
			Calpine Transmittal No.: 16320-SD-010			07/16/04	07/16/04	07/23/04	HK Approved
		02876	Drawing: STR 106 Erection - E1						
			Calpine Transmittal No.: 16320-DS-009			07/14/04	07/14/04	07/14/04	HK
		02855	TSE Switchyard Control House						
			Drawing: C7741-00-R1 Outline/Legend Design Criteria						
			Drawing: D7741-00-R2 Anchoring /Shipping Support Layout						
			Drawing: D7741-01-R1 Outline-Plan View						
			Drawing: D7741-02-R1 Outline Elevation View						
			Drawing: D7741-03-R1 Outline View						
			Structural Calculations						
			Calpine Control House Foundation Submittal Np. 16320-SD-008			06/17/04	06/17/04	07/23/04	BB Approved
		02921							
Documents									
					Submit Respond				

NETCALF DOCUMENT SUBMITTAL RECORD							
CALPINE, BAR AND CBO							
WILLDAN CBO PROJECT NO. 13284							
Cond.	Pack. No.	CBO No.	Package Title		Review / Approval Dates		
			Issued Due	To Checker	From Respon- sible Checker	Plan Checker	Status
TSE	Calpine Transmittal 02921	Submittal No. 16320-SD-011	230KV H-Frame Terminator STR w/Worm Gear Op.	07/20/04	07/20/04	07/27/04	Hk Approved
	Drawing: 724-E2, R4						
	Drawing: 724-4, R4						
	Drawing: 724-5, R3						
	Drawing: 724-6, R3						
	Drawing: 724-8, R2						
TSE	230KV H-Frame Terminator STR w/Auto Gear Op		07/20/04	07/20/04	07/27/04	Hk Approved	
	Drawing: 724-EA, R3						
	Drawing: 724-A, R4						
	Drawing: 724-5A, R2						
	Drawing: 724-6A, R2						
	Drawing: 724-8A, R2						

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE, B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Review /Approval Dates

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates				Comments	Documents
				Issued Due	To Checker	From Checker	Responsible		

METCALF DOCUMENT SUBMITTAL RECORD

DOCUMENT SUBMITTED TO CALPINE BY B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Condition of Certification	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments
				Issued	To Check	From Check	Respond	From Check	Status	
Occupancy	Calpine	00740	Trailer Info Rosenin	10/14/03						
Occupancy	Calpine	00741	Trailer Info Top Grade	10/14/03						
Occupancy	Calpine	00742	Trailer Info OC McDonald	10/14/03						
Occupancy	Calpine	00743	Trailer Info Conco	10/14/03						
Occupancy										
Occupancy	Calpine	01112	Trailer Info: Confrence Trailer Name Plate Photos	12/15/03						
Elec-1	Rosendin	000000	Temporary Power: Drwg# E0.01 Single Line Diagram - Rosendin Electric	02/21/03	02/21/03	03/04/03	03/06/03	ES	not approved	9 Comments to be sent back to Deters
Struct-1	Calpine	01148	Seismic Anchorage Calcs Temp. Transformer by Fischer	12/18/03			BB	Approved		
Struc-1	Calpine	01204	Seismic Anchorage Calcs Temp. Transformer by Rosendin	1/6/2004			BB	Approved		

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE, B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates				Comments	Docu Submit
				Issued Due	To Checker	Respon- se	Plan Checker		
Calpine Trans. No. 02316	Calpine Sub. No. 13121-PD-006		Water Treatment Building Drawings & Calculations	05/20/04	05/20/04		I-HK		
Calculations									
			A0.1 Rev. 0 Title Sheet						
			A0.2, Rev. 0 General Notes						
			A1.0, Rev. 0 Site Plan Reference Only						
			A2.1, Rev. 0, Floor Plan						
			A2.2, Rev. 0 Reflected Ceiling Plan/Roof Plan						
			A4.0, Rev. 0 Elevations						
			A5.1, Rev. 0, Detail Sheet						
			A5.2, Rev. 0 Detail Sheet						
			S0.1, Rev. 0 General Notes						
			S1.0 Foundation Plan, Mezzanine Plan						
			S2.0, Rev. 0, Foundation Details						
			S2.1, Rev. 0 Foundation Details						
			M0, Rev. 0 Legend/Schedules/Title 24						
			M2.1, Rev. 0 Floor Plan/ Roof Plan						
			E0.0 Rev. 0 Cover Sheet						
			E0.1, Rev. 0 Single Line Diagram & Panel						
			E3, Rev. 0 Schedule						
			E-E0.2, Rev. 0 Fixture Schedule & Title 24						
			E-E1, Rev. 0 Lighting Plan & Power Plan						
			P-1, Rev. 0 Waste and Tepid Water Piping						
Calpine Trans. No. 2459	Submittal No. 13121-PD-007		Water Treatment Product Data	6/7/2004	6/9/2004				
			Technical Specification 13121						
			Structural Calculations CR0008634A						
			Letter of Certification						
			CBC Steel Building Product Info. CR0008634C						
			CBC Steel Building Product Info. CR0008634D						
			CBC Steel Building Product Info. CR0008634F						
			CBC Steel Building Product Info. CR0008634E						
			Building Specifications CR0008634G						
			Design Load Information Pages 1 thru 12						
			Anchor Bolt/ Root Framing						
			Submittal No. 13121-PD-014						
			Water Treatment Drawings						
			A0.1 Rev. 0 Title Sheet						
			A0.2, Rev. 0 General Notes						
			A0.3, Rev 0 Site Plan						
			A1.0, Rev 1 Site Plan						

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE, B&B AND CBO

CALPINE, B&R AND CBO

WILLBAN CBO PROJECT NO. 133254

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE, B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates				Comments	Status	Plan Checker	From Checker	Issued Due	To Checker
				Doc.	Submit	Review	Approval						
			A6.0, Rev. 0, Wall Details & Stud Table										
			A6.1, Rev. 0, Door & Window Schedules										
			A6.2, Rev. Details										
			A6.3, Rev. 0 Cabinet Details										
			SQ.1, Rev. 0 General Notes										
			S1.0, Rev. 0 Foundations Plan/Mezzanine Plan										
			S2.0, Rev. 0, Foundation Details										
			S2.1, Rev. 0, Foundation Details										
			S3.0, Rev. 0 Mezzanine ANS Stair Details										
			S4.0, Rev. 0 Legend/Schedules; Title 24										
			M2.1, Rev. 0 Floor Plan/Roof Plan										
			E-0.0, Rev. 0, Cover Sheet										
			E-0.1, Rev. 0 Single Line Diagram										
			E-0.2, Rev. 0 Panel Schedules										
			E-0.3, Rev. 0 Fixture Schedule & Title 24										
			E-1, Rev. 0 Lighting Plan										
			E-2, Rev. 0 Power Plan										
			E-2A, Rev. 0 Conduit Routing										
			P-1, Rev. 0 Legend & Schedules Waste, Vent & Water Isometric Plan										
			P-2, Rev. 0 Waste & Vent Plumbing Plan										
			P-3, Rev. 0 Water Plumbing Plan										
			CBC Steel Administration Building										
			Drawings and Calculations										
			Calpine Submittal No. 13121-PD-010										
			Calpine Trans. No. 02597										
			Structural Calculations CR0008904B										
			Steel Building Letter of Certification CR0008904A										
			CBC General Information										
			CBC General Detail Sheet										
			CBC General Detail Sheet										
			MS24 General Erection Details										
			MS24 General Erection Details										
			Standing Seam Accessories										
			Standing Seam Details										
			Fastener Placement Sheet										
			Structural Welding										
			Anchor Bolt Plan										
			Roof Framing Plans										

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE, B&R AND CBO

WILDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates				Comments	Docu Submit
				Issued Due	To Checker	From Respon- sone	Plan Checker		
			Wall Framing Elevations						
			Building Cross Section						
			Administration Building						
			Building Plans and Calculations						
			A01, Rev 0, Title Sheet						
			A02, Rev. 1 General Notes						
			A03, Rev. 1 Site Plan						
			A10, Rev 1 Floor Plan						
			A11, Rev. 1 Mezzanine Plans						
			A20, Rev. 1 Reflected Ceiling Plan						
			A30, Rev. 1 Roof Plan						
			A40, Rev. 1 Exterior Elevations						
			A50, Rev. 1, Enlarged Toilet Core Plan						
			A51, Rev. 1 Finishes						
			A60, Rev. 1, Wall Details & Stud Table						
			A61, Rev 1, Door & Window Schedules						
			A62, Rev. 1 Details						
			A63, Rev. 1 Cabinet Details						
			S01, Rev 1 General Notes						
			S10, Rev. 1 Foundations Plan/Mezzanine Plan						
			S20, Rev. 1 Foundation Details						
			S21, Rev. 1 Foundation Details						
			S30, Rev. 1 Mezzanine ANS Stair Details						
			M0, Rev. 1 Legend/ Schedules/ Title 24						
			M21, Rev. 1 Floor Plan/ Roof Plan						
			E-00, Rev. 1, Cover Sheet						
			E-01, Rev. 1 Single Line Diagram						
			E-02, Rev. 1 Panel Schedules						
			E-03, Rev. 1 Fixture Schedule & Title 24						
			E-1, Rev. 1 Lighting Plan						
			E-2, Rev. 1 Power Plan						
			E-2a, Rev. 1 Conduit Routing						
			P-1, Rev. 1 Legend & Schedules Waste, Vent & Water						
			P-2, Rev. 1 Waste & Vent Plumbing Plan						
			P-3, Rev. 1 Water Plumbing Plan						
			S01, Rev. 0 General Notes						
			S10, Rev. 0 Masonry Wall Plan S20, Rev. 0 Roof Framing						
			S21, Rev. 0 Masonry Wall Details						
			S31, Rev. 0 Masonry Wall Elevation						

NET CALF DOCUMENT SUBMITTAL RECORD
CALPINE, B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

WILLDAN CBO PROJECT NO. 13254							Review/Approval Dates	Comments		
Cond.	Pack. No.	CBO No.	Package Title	Issued Due	To Checker	From Checker	Respon- se	Plan Checker	Status	
			S4.0. Rev. 0 Roof Framing Details							
			S4.1. Rev. 0 Roof Framing Details							
			M0. Rev. 0 Legend/ Schedules/ Title 24							
			M2.1. Rev. 0 Floor Plan/Roof Plan							
			E-0. Rev. 0 Cover Sheet							
			E-0.1. Rev. 0 Single Line Diagram & Panel							
			E-3. Rev. 0 Schedules							
			E-0.2. Rev. 0 Fixture Schedule & Title 24							
			E-1. Rev. 0 Lighting Plan							
			E-2. Rev. 0 Power Plan							
			P-1. Rev. 0 Condensate Piping							
Calpine Trans. Submittal No. No. 13121-PD-008 0285			BOP Building Building Plans and Calculations	06/09/04	06/09/04	HK				
			A0.1. Rev. 1 Title Sheet							
			A0.2. Rev. 1 General Notes							
			A0.3. Rev. 1 Site Plan Reference Only							
			A1.0. Rev. 1 Floor Plan							
			A2.0. Rev. 1 Reflected Ceiling Plan							
			A3.0. Rev. 1 Roof Plan							
			A4.0. Rev. 1 Elevations							
			A5.1. Rev. 1 Detail Sheet							
			A5.2. Rev. 1 Detail Sheet							
			S0.1. Rev. 1 General Notes							
			S1.0. Rev. 1 Masonry Wall Plan/S2.0. Rev. 0 Roof Framing							
			S2.0. Rev. 1 Roof Framing Plan							
			S3.0. Rev. 1 Masonry Wall Details							
			S3.1. Rev. 1 Masonry Wall Elevations							
			S4.0. Rev. 1 Roof Framing Details							
			S4.1. Rev. 1 Roof Framing Details							
			M0. Rev. 1 Legend/ Schedules/ Title 24							
			M2.1. Rev. 1 Floor Plan/Roof Plan							
			E-0.0. Rev. 1 Cover Sheet							
			E-0.1. Rev. 1 Single Line Diagram & Panel							
			E-0.2. Rev. 1 Fixture Schedule & Title 24							
			E-1. Rev. 1 Lighting Plan							
			E-2. Rev. 1 Power Plan							
			P-1. Rev. 1 Condensate Piping							

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE BAR AND GBO

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review/Approval Dates				Comments	Docu Submit
				Issued Due	To Checker	From Checker	Respon- se		
Calpine Trans. No. 02681			Metcalf Control Room Layout Drawing No. MEC-I-0001-DCS-00	06/28/04	06/29/04				
Calpine Trans. No. 02752			Electrical Equipment Plan BOP Electrical/Control Bldg	07/06/04	07/07/04				
Architectural Screens									
Calpine Trans. No. 03162	Submittal No. 13121-PD-015		Spec. 05121 Structural Steel	08/13/04	08/14/04				
			Spec. 07412 Metal Wall Panels						
			Spec. 08950 Composite Panel System						
			Calc #204014.00 Vol. 1						
			Calc #204014.00 Vol. 2						
			Drawing: S-0.1 ,R0 Structural Notes						
			Drawing: S-1.0 ,R0 Ground Level Plan						
			Drawing: S-1.1 ,R0 Tower and Screen Enclosure Plan						
			Drawing: S-2.1 ,R0 East Elevation						
			Drawing: S-2.2 ,R0 East Elevation Interior Face						
			Drawing: S-2.3 ,R0 South Elevation						
			Drawing: S-2.4 ,R0 South Elevation Interior Face						
			Drawing: S-2.5 ,R0 West Elevation						
			Drawing: S-2.6 ,R0 North Elevation						
			Drawing: S-2.7 ,R0 North & South Recess Elevations						
			Drawing: S-3.0 ,R0 Top Works Screen Erections						
			Drawing: S-3.1 ,R0 Topworks Screen Sections & Details						
			Drawing: S-4.0 ,R0 Stack Elevations & Sections						
			Drawing: S-4.1 ,R0 Stack Section & Details						
			Drawing: S-5.0 ,R0 Typical Girt Details						
			Drawing: S-5.1 ,R0 Cantilevered Screen Details						
			Drawing: S-5.2 ,R0 Line 10 Frame Sections & Details						
			Drawing: S-5.3 ,R0 South Wall Panel Sections & Details						
			Drawing: S-5.4 ,R0 Screen on Piperack Details						
			Drawing: S-5.5 ,R0 Miscellaneous Sections & Details						
			Drawing: S-5.6 ,R0 Details North Wall Trusses						
			Drawing: S-6.1 ,R0 Typical Tower Elevations & Sections						
			Drawing: S-6.2 ,R0 Wall Truss Sections & Details						

